This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

Über dieses Buch

Dies ist ein digitales Exemplar eines Buches, das seit Generationen in den Regalen der Bibliotheken aufbewahrt wurde, bevor es von Google im Rahmen eines Projekts, mit dem die Bücher dieser Welt online verfügbar gemacht werden sollen, sorgfältig gescannt wurde.

Das Buch hat das Urheberrecht überdauert und kann nun öffentlich zugänglich gemacht werden. Ein öffentlich zugängliches Buch ist ein Buch, das niemals Urheberrechten unterlag oder bei dem die Schutzfrist des Urheberrechts abgelaufen ist. Ob ein Buch öffentlich zugänglich ist, kann von Land zu Land unterschiedlich sein. Öffentlich zugängliche Bücher sind unser Tor zur Vergangenheit und stellen ein geschichtliches, kulturelles und wissenschaftliches Vermögen dar, das häufig nur schwierig zu entdecken ist.

Gebrauchsspuren, Anmerkungen und andere Randbemerkungen, die im Originalband enthalten sind, finden sich auch in dieser Datei – eine Erinnerung an die lange Reise, die das Buch vom Verleger zu einer Bibliothek und weiter zu Ihnen hinter sich gebracht hat.

Nutzungsrichtlinien

Google ist stolz, mit Bibliotheken in partnerschaftlicher Zusammenarbeit öffentlich zugängliches Material zu digitalisieren und einer breiten Masse zugänglich zu machen. Öffentlich zugängliche Bücher gehören der Öffentlichkeit, und wir sind nur ihre Hüter. Nichtsdestotrotz ist diese Arbeit kostspielig. Um diese Ressource weiterhin zur Verfügung stellen zu können, haben wir Schritte unternommen, um den Missbrauch durch kommerzielle Parteien zu verhindern. Dazu gehören technische Einschränkungen für automatisierte Abfragen.

Wir bitten Sie um Einhaltung folgender Richtlinien:

+ *Nutzung der Dateien zu nichtkommerziellen Zwecken* Wir haben Google Buchsuche für Endanwender konzipiert und möchten, dass Sie diese Dateien nur für persönliche, nichtkommerzielle Zwecke verwenden.

+ *Keine automatisierten Abfragen* Senden Sie keine automatisierten Abfragen irgendwelcher Art an das Google-System. Wenn Sie Recherchen über maschinelle Übersetzung, optische Zeichenerkennung oder andere Bereiche durchführen, in denen der Zugang zu Text in großen Mengen nützlich ist, wenden Sie sich bitte an uns. Wir fördern die Nutzung des öffentlich zugänglichen Materials für diese Zwecke und können Ihnen unter Umständen helfen.

+ *Beibehaltung von Google-Markenelementen* Das "Wasserzeichen" von Google, das Sie in jeder Datei finden, ist wichtig zur Information über dieses Projekt und hilft den Anwendern weiteres Material über Google Buchsuche zu finden. Bitte entfernen Sie das Wasserzeichen nicht.

+ *Bewegen Sie sich innerhalb der Legalität* Unabhängig von Ihrem Verwendungszweck müssen Sie sich Ihrer Verantwortung bewusst sein, sicherzustellen, dass Ihre Nutzung legal ist. Gehen Sie nicht davon aus, dass ein Buch, das nach unserem Dafürhalten für Nutzer in den USA öffentlich zugänglich ist, auch für Nutzer in anderen Ländern öffentlich zugänglich ist. Ob ein Buch noch dem Urheberrecht unterliegt, ist von Land zu Land verschieden. Wir können keine Beratung leisten, ob eine bestimmte Nutzung eines bestimmten Buches gesetzlich zulässig ist. Gehen Sie nicht davon aus, dass das Erscheinen eines Buchs in Google Buchsuche bedeutet, dass es in jeder Form und überall auf der Welt verwendet werden kann. Eine Urheberrechtsverletzung kann schwerwiegende Folgen haben.

Über Google Buchsuche

Das Ziel von Google besteht darin, die weltweiten Informationen zu organisieren und allgemein nutzbar und zugänglich zu machen. Google Buchsuche hilft Lesern dabei, die Bücher dieser Welt zu entdecken, und unterstützt Autoren und Verleger dabei, neue Zielgruppen zu erreichen. Den gesamten Buchtext können Sie im Internet unter `http://books.google.com` durchsuchen.

Digitized by Google

3 2044 106 422 256

K9549t v.19

Harvard University

FARLOW
REFERENCE LIBRARY
OF
CRYPTOGAMIC BOTANY

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

v.19. K9549t

Harvard University

FARLOW
REFERENCE LIBRARY
OF
CRYPTOGAMIC BOTANY

Digitized by Google

Digitized by Google

TABULAE PHYCOLOGICAE

oder

Abbildungen der Tange.

Herausgegeben

von

Friedrich Traugott Kützing,

Doctor der Philosophie und Professor der Naturwissenschaften zu Nordhausen.

XIX. Band.

Mit 100 Tafeln.

Nordhausen,

gedruckt auf Kosten des Verfassers.

1869.

Digitized by Google

K9549t
v.19

Digitized by Google

Vorwort
zum neunzehnten Bande.

Als ich vor 24 Jahren die ersten Lieferungen der Tabulae phycologicae erscheinen liess, hatte ich zunächst die Absicht, nur die niederen Algen in Abbildungen zu liefern. Ich wagte nicht zu hoffen, dass mir die Kräfte und die lange Reihe von Jahren verliehen werden möchten, um eine so ausgedehnte und grosse Arbeit, welche sich auf das ganze Gebiet der Algenformen erstrecken würde, vollenden zu können. Es ist mir jedoch vergönnt gewesen, das grosse Werk zu beendigen in einer Ausdehnung, welche weit meine anfänglichen Wünsche und Erwartungen übertrifft. Ohne eine andere Unterstützung als die, welche mir Freunde durch Mittheilung von Materialien gewährten, habe ich das Ganze durch eigene Mühe und Arbeit geschaffen, und zwar in Zeiten, welche einem so grossen Unternehmen nicht günstig waren. Die Unruhen von 1848, der grosse Kampf Englands in Ostindien, der Krieg in der Krim, der Krieg und die Aufregungen in Italien, der grosse Kampf in Nord-Amerika und endlich die Kriege von 1864 und 1866 im eigenen Vaterlande haben nicht fördernd und ermuthigend, sondern nur hemmend und erschwerend auf die Vollendung meines Werkes gewirkt. Zu diesen politischen Hemmnissen kamen ununterbrochene, jahrelange und schwere Leiden, welche meine Familie heimgesucht haben, und eine grosse Anzahl der Tafeln ist unter schweren Sorgen und grosser Angst an dem Kranken- und Sterbebette geliebter Kinder angefertigt worden.

Hing nun auch der Stich der Tafeln von mir selbst ab, so war dies doch nicht mit dem Druck der Fall. Dieser bot innerhalb der langen Reihe von Jahren sehr viele Schwierigkeiten dar. Ein nachlässiger Drucker kann bei der Lithographie die besten Platten verderben und die socialen unruhigen Zustände waren nicht geeignet die Heranziehung und Heranbildung geschickter Arbeiter für den Druck des Werkes zu erleichtern. Verschiedene Platten wurden in früheren Jahren bei beginnendem Druck aus Nachlässigkeit zerbrochen und mussten von mir neu angefertigt werden. So hatte ich doppelte Arbeit. War nun

Digitized by Google

die Herstellung der Tafeln glücklich beendet, so traten jetzt die Widerwärtigkeiten des Selbst-Verlags hervor. Ohne diesen Selbst-Verlag wäre aber die Herausgabe des Werkes überhaupt nicht zu Stande gekommen. Ich habe durch diesen Selbst-Verlag aber mit allen Unannehmlichkeiten, wovon die Geschäftswelt betroffen werden kann, zu kämpfen gehabt. Verschiedene Fallissements brachten verschiedene Verluste, die empfindlichsten aber brachte der Concurs eines meiner früheren Commissionäre, der Firma *W. Köhne — Ludwig Klincksieck* — im Jahre 1861, wodurch die Einnahme für die Opfer und Mühen eines ganzen Jahres verloren ging.

Nach diesen Mittheilungen mag nun der geneigte Leser ersehen, welche Ausdauer es meinerseits gekostet hat, alle diese Schwierigkeiten zu überwinden. Es sieht sich so leicht an, wenn man ein wissenschaftliches Werk mit Abbildungen durchblättert, und eben so leicht ist oft der Kritiker mit seinem Urtheil zur Hand; — wer es aber weiss, welche Mühe und Arbeit die Darstellung von Original-Abbildungen verlangt, der wird auch ermessen können, welche Thatkraft dazu gehört, ohne eine andere Stütze als die von mir oben angegebene, ein Werk mit 1900 Tafeln, wie das vorliegende, zu schaffen.

Wenn ich nun mit diesem 19. Bande das Werk beschliesse, so thue ich es in dem Gefühle, dass bei meinem vorgerückten Alter die Kräfte für eine weitere Ausdehnung des Werkes nicht mehr ausreichen möchten.

Ein vollständiges alphabetisches Register über den Inhalt sämmtlicher 19 Bände werde ich gleich nach dem Erscheinen der Lieferungen 186—190 in Arbeit nehmen und für sich erscheinen lassen.

Ich entlasse nun diesen Band mit dem aufrichtigsten Danke für alle Diejenigen, welche das Werk durch ihre Mittheilungen so wesentlich gefördert haben.

Nordhausen, im October 1869.

Kützing.

Digitized by Google

Bemerkungen zu den Tafeln des neunzehnten Bandes.

Tab. 1.

4220. Aglaophyllum chilense. (*Kg. Spec. Alg. p. 869.*) — Valparaiso: Herb. *Sonder.*

Fig. *a.* Exemplar mit Vierlingsfrüchten, in natürlicher Grösse. — *b.* Gruppe von Vierlingsfrüchten und ein Theil des Phylloms, 100mal vergrössert. — *c.* Exemplar mit Kapselfrüchten in natürlicher Grösse.

Tab. 2.

4221. Cryptopleura Griffithsiana. (*Delesseria Griffithsia Suhr in Regensb Flora 1840, p. 260. — Kg. Spec. Alg. 869. — Nitophyllum Griff. J. Ag.)* — Valparaiso: Herb. *Sonder!*

Fig. *a.* Exemplar mit Kapselfrüchten in natürlicher Grösse. — *b.* Querschnitt durch das Phyllom. — *c.* Schnitt durch die Kapselfrucht, beide 100mal vergrössert.

Tab. 3.

4222. Cryptopleura Curdieana. (*Nitophyllum Curdieanum Harv. Phycol. austr. Vol. 3. Tab. 151.*) — Port Fairy, Victoria: *Harvey!* in herb. *Sonder.*

Fig. *a.* Exemplar mit Vierlingsfrüchten. — *b.* Einige Endlappen, schwach vergrössert. — *c.* Querschnitt mit Vierlingsfrüchten, — *d* Theil des Phylloms mit Vierlingsfrüchten, beide 100mal vergrössert.

Digitized by Google

Tab. 4.

4223. Cryptopleura palmata. (*Nitophyllum palmatum Harv. in Sonder. herb.*) Cr phyllomate subcoriaceo, fusco-purpureo a basi diviso, segmentis subdichotomis, vel unilateraliter divisis, basi attenuatis, apice rotundatis, interdum emarginatis, margine subdentatis. — Nova-Zeelandia: *Harvey.* (Herb. *Sonder.)*

Fig. *a.* Natürliche Grösse. — *b.* ein Theil des Phylloms, 100mal vergrössert.

Tab. 5.

4224. Aglaophyllum pulchellum. (*Nitophyllum pulchellum Harv. in Sonder. herb.*) A. phyllomate roseo delicatulo dichotomo, segmentis linearibus patentibus, margine undulatis, apicibus rotundatis; tetrachocarpiis in soris rotundis. — „King George's Sound." *Harvey.* (Herb. *Sonder.*)

Fig. *a.* Exemplar mit Vierlingsfrüchten in natürlicher Grösse. — *b.* Vierlingsfrüchte und ein Theil des Phylloms, 100mal vergrössert.

4225. Aglaophyllum marginale. (*Nitophyllum marginale Harv. in Sonder. herb.*) A. phyllomate roseo delicatulo, basi cuneato, profunde lobato, lobis subdichotomis dilatatis, apice rotundatis vel emarginatis, margine undulatis denticulatis; fructibus marginalibus — Ceylon: *Harvey!*

Fig. *c.* Exemplar mit Kapselfrüchten. — *d.* Exemplar mit Vierlingsfrüchten, beide in natürlicher Grösse. — *e.* Theil des Phylloms mit Vierlingsfrüchten, 100mal vergrössert.

Tab. 6.

4226. Aglaophyllum pristoideum. (*Nitophyllum pristoideum Harv. in Sonder. herb.)* A. elongatum, multiplicato-pinnatum, pinnis irregulariter dichotomis, margine denticulatis, dentibus bi-trifurcatis. — Port Fairy, Victoria: *Harvey*!

Fig. *a.* Exemplar in natürlicher Grösse. — *b.* Ende eines Fiederchens, 100mal vergrössert.

4227. Aglaophyllum erosum. (*Nitophyllum erosum Harv. — Nitophyllum fimbriatum Harv. in Sonder herb.)* A. minus, roseo-coccineum, phyllomate basi cuneato, deinde irregu-

Digitized by Google

lariter fisso vel subpinnato, segmentis obtusis, margine fimbriatis, fimbriis confervaceis, squaroso-ramosis, rigidis. — Port Fairy, Victoria: *Harvey!*

Fig. *c.* Exemplar mit Vierlingsfrüchten in natürlicher Grösse. — *d.* Ein Theil des Phylloms mit Randfransen und Vierlingsfrüchten, 100mal vergrössert.

Tab. 7.

4228. Aglaophyllum ciliolatum. (*Nitophyllum ciliolatum Harv. in Sonder. herb.*) A. minus, irregulariter pinnato-subdichotomum, segmentis vel pinnis anguste linearibus, apice obtusiusculis, margine laxe ciliatis, ciliis polysiphoniis. King George's Sound: *Harvey!*

Fig. *a.* Natürliche Grösse. — *b.* Ein Theil mit Randwimpern, 100mal vergrössert.

4229. Aglaophyllum multipartitum. (*Kg. Spec. Alg. 868.*) Van Diemensland: *Harvey* in coll. Sonder.

Fig. *c.* Natürliche Grösse. — *d.* Ein Theil der Lamina, 100mal vergrössert.

Tab. 8.

4230. Aglaophyllum affine. (*Kg. Spec. Alg. 869.*) — Van Diemensland: *Harvey!* (Herb. Sonder.)

Fig. *a.* Exemplar in natürlicher Grösse mit Häufchen von Vierlingsfrüchten. — *b.* Theil des Phylloms mit Vierlingsfrüchten. — *c.* Querschnitt durch denselben, 100mal vergrössert. Fig. *d.* Umriss der Varietät *β.* lobatum *Harv.* in natürlicher Grösse.

Tab. 9.

4231. Aglaophyllum flabellulatum. (*Zanardini in Herb. Sonder.*) A minus, delicatulum, roseum, flabellato-dichotomum, segmentis linearibus integerrimis, ultimis angustioribus, bifurcatis. — Dalmatia: *Sandri!*

Fig. *a.* Natürliche Grösse. — *b.* Theil einer Spitze. — *c.* Theil eines untern Segments, beide 100mal vergrössert.

Digitized by Google

4232. Nitophyllum monanthos. *(J. Ag. in Herb. Sonder.)* — „Wilsons Promontory." Ferd. Mueller.

Fig. *d.* Natürliche Grösse. —. *e f.* Queerschnitte, 100mal vergrössert. — *g.* Theil eines Querschnitts, 250mal vergrössert. — *h.* Die innere Zellenlage. — *i. k.* Endläppchen des Phylloms mit Vierlingsfrüchten, durch die Lupe vergrössert. — *l.* Vierlingsfrüchte, 250mal vergrössert.

Tab. 10.

4233. Acrosorium aglaophylloides. *(Zanardini in herb. Sonder.)* A. phyllomate purpureo, tenuiter membranaceo, basi cuneato, subdichotomo, segmentis dilatatis patentibus apice obtusissimis vel submarginatis, sub apice tetrachocarpia in maculas obscuriores consociata gerentibus. Dalmatia: *Sandri.* (*Herb.* Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Endtheil des Phylloms mit Vierlingsfrüchten, 100mal vergrössert.

4234. Delesseria rigida. *(Harv. — Chauvinia imbricata Harv. Phycol. austr. — Delesseria amansioides Sond. herb.)* — „Port Phillip Heads, Victoria." *Harvey!* (Herb. Sonder.)

Fig. *c.* Natürliche Grösse. — *d.* Fieder mit Fruchtblättern, schwach vergrössert. — *e.* Schnitt durch ein Fruchtblatt mit Vierlingsfrüchten, 100mal vergrössert.

Tab. 11.

4235. Delesseria tasmanica *(Ferd. Mueller. — Harv. phyc. austr.)* — Georgetown, Van Diemensland: *Harvey.* (Herb. Sonder.)

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Theil des Phylloms, 100mal vergrössert,

4236. Delesseria endiviaefolia. *(Hook et Harv. Tasm. p. 6. — Hypoglossum endiviaefolium Kg. Sp. Alg. 876.)* — „Western Port, Victoria." *Harvey.* (Herb. Sonder).

Tab. 12.

4237. Delesseria serrulata. *(Harv. in herb. Sonder.)* D. tripinnata, pinnis linearibus alatis, basi et apice attenuatis,

Digitized by Google

nervo medio percussis, pinnulis ultimis parvulis lanceolatis fructiferis margine denticulatis. — Hakodadi, Japan. *Harvey.* (Herb. *Sonder.*)

Fig. *a.* Natürliche Grösse einer Fieder erster Ordnung. — *b.* Fiederchen mit Vierlingsfrüchten, 100mal vergrössert.

4238. Delesseria spathulata. (*Sonder.* — *Hypoglossum spathulatum Kg. Spec. Alg. 877.*) — Nova Hollandia: *Harvey.* (Herb. Sonder.)

Fig. *c.* Ein von Preiss gesammeltes Exemplar, nach der Zeichnung Sonders angefertigt, in natürlicher Grösse. — *d.* Ein von Harvey gesammeltes Exemplar in natürlicher Grösse. — *e.* Theil des Phylloms, 100mal vergrössert.

Tab. 13.

4239. Delesseria hypoglossoides. (*Harv. in* Sonder. *herb.*) D. minor delicatula, phyllomate breviter stipitato, lineari lanceolato integerrimo, costa media prolifero. Fremantle, Western Australia: *Harvey.*

Fig. *a.* Natürliche Grösse. — *b. c.* 100mal vergrössert.

4240. Delesseria tenuifolia. (*Harv. in* Sonder. *herb.*) D. minor, stipite filiformi, vage ramoso, phyllomatibus tenerrimis, prolificatione concatenatis, obovato-lanceolatis integerrimis, nervo medio percursis. — „Key West, Florida." *Harvey.*

Fig. *d.* Natürliche Grösse. — *e.* Theil des Phylloms, aus dessen Mittelrippe ein Fruchtblatt — *f.* mit Vierlingsfrüchten entspringt, 100mal vergrössert.

Tab. 14.

4241. Delesseria involvens. (*Harv. in herb.* Sonder.) D. stipite filiformi dichotomo, elongato, phyllomatibus delicatissime membranaceis roseis, dichotomis medio costatis, segmentis integerrimis, linearibus, apice involutis. — Key West. Florida: *Harvey.*

Fig. *a.* Natürliche Grösse. — *b.* Zwei eingekrümmte Spitzen, schwach vergrössert. — *c.* Theil des Phylloms, 100mal vergrössert.

4242. Delesseria Baerii. (*Postels* et *Ruprecht.*) D. filiformis setacea, multiplicato-pinnata, apicem versus sensim

Digitized by Google

attenuata, pinnis pinnulisque inaequalibus alternis, apice saepe bifurcatis, — Mare Ochotzk. (Herb. *Sonder.*)

Fig. *d.* Natürliche Grösse. — *e.* Seitenansicht, — *f.* Querschnitt, beide 100mal vergrössert.

Anmerkung. Die dargestellte Alge ist keine Delesseria; aus Mangel an Früchten bin ich jedoch in Zweifel, wohin sie gehört, daher ich sie mit ihrem von den Entdeckern gegebenen Namen hier aufgeführt habe.

Tab. 15.

4243. Lenormandia Muelleri. (*Sonder herb.*) L. spithamea et ultra, stipite plus minusve elongato tereti, latere et apice phyllophoro, phyllomatibus coriaceis, medio constatis, adultis elongatis utrinque attenuatis, e costa et apice proliferis, junioribus obovato-lanceolatis. — „Rivoli-Bay". Nov. Holland: *Ferd. Mueller!*

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Theil einer Blattfläche, von welcher zum Theil die oberste Schicht kleiner Zellen abgelöst ist, um die darunter liegenden grösseren Zellen in ihrer Anordnung zu zeigen, 100mal vergrössert.

4244. Kuetzingia natalensis. (*J. Ag.* in *Herb. Sonder.*) K. phycomate coriaceo lineari dichotomo, margine acute dentato, segmentis apicem versus sensim attenuatis subacutis. — Port Natal: *Dr. Krauss!*

Fig. *c.* Natürliche Grösse. — *d. e.* Theile des Phylloms mit seitlichen Zähnen, schwach vergrössert. — *f. g.* Querschnitte, 100mal vergrössert.

Tab. 16.

4245. Gigartina flabellata (*J. Ag.*) — Port Phillip: Ferd. Mueller. (Herb. Sonder.)

Fig. *a.* Ein Bruchstück mit Kapselfrüchten, — *b.* Exemplar mit Vierlingsfrüchten, beide in natürlicher Grösse. — *c.* Querschnitt durch einen Endzweig mit Vierlingsfrüchten, 100mal vergrössert.

Tab. 17.

4246. Gigartina pinnata. (*J. Ag.*) G. tripinnata complanata, jugamento pinnisque basi et apice attenuatis, pinnulis

Digitized by Google

lanceolatis integerrimis; cystocarpiis globosis involucro 1—3phyllo inclusis, phyllis incurvis. — „Phillip Island". Nov. Holland: *Ferd. Mueller.* (Herb. Sonder.)

Fig. *a.* Exemplar mit Kapselfrüchten. — *b.* Steriles und junges Exemplar. — *c.* Schnitt durch die Kapselfrucht, 100mal vergrössert.

Tab. 18.

4247. Gigartina disticha. (*Sonder, pl. Preiss. 28. — Kg. Sp. Alg. 750.*) — Nov. Holland. occidentalis: *Preiss!* (Herb. Sonder.)

Fig. *a.* Exemplar in natürlicher Grösse. — *b.* Querschnitt durch eine Fieder, 100mal vergrössert.

4248. Gigartina flagelliformis. (*Sonder! Pl. Preiss. 29. — nec Kg. Tab. ph. XVIII. tab. 5.*) — Ad Novam Hollandiam: *Preiss.* (Herb. Sonder.)

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

Anmerkung. Die Structur dieser Alge hat mehr mit Furcellaria und Polyides Aehnlichkeit, als mit Gigartina. Sonder hat sie auch in der Bot. Zeitung 1845 als Polyides beschrieben.

Tab. 19.

4249. Chondrosiphon splachnoides. (*Bindera splachnoides Harv. Phyc. austr.*) — Ch. major, crassiusculum, phycomate bipinnatim ramoso, ramis ramulisque inflatis, cylindricis basi et apice attenuatis. — Ad oras Novae Hollandiae occidentalis. (Herb. Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt durch einen Zweig. — *c.* Die Oberfläche des Zweiges. — *d.* Querschnitt durch die Basis. — *b. c. d.* 100mal vergrössert.

Tab. 20.

4250. Sphaerococcus interruptus. (*Grev. — Kg. Sp. Alg. 783.*) — In mari arctico, „Port Kennedy". — Dr. Walker! (Herb. Sonder.)

Fig. *a.* Bruchstück in natürlicher Grösse. — *b. c.* Querschnitte, 100mal vergrössert.

Digitized by Google

4251. Sphaerococcus Gelidium. *(J. Ag. Kg. Spec. Alg. 776. — Euchemna Gelidium J. Ag. Sp. Alg.)* — India occidentalis. (Herb. Sonder.)

Fig. *d. e.* Fragmente in natürlicher Grösse. — *f.* Querschnitt, 100mal vergrössert.

Tab. 21.

4252. Sphaerococcus obtusus. (*Gracilaria obtusa* Grev.) Sph. crassiusculus, teres, irregulariter dichotomus, ramis patentibus apice levissime incrassatis, obtusis. Color nigro-purpurascens, in viridem vergens. — Ceylon: *Harvey.* (Herb. Sonder.)

Fig. *a. b. c.* Verschiedene Bruchstücke in natürlicher Grösse. — *d.* Querschnitt, 100mal vergrössert.

4253. Sphaerococcus dumosus, (*Gracilaria dumosa Harv. in* Sonder *herb.).* Sph. phycomate teretiusculo, cartilagineo, squarroso ramosissimo, ramis subdichotomis, ultimis attenuatis acutis. — „Friendly Island". Nov. Holland: *Harvey.*

Fig. *e* Natürliche Grösse. — *f.* Querschnitt, 100mal vergrössert.

Tab. 22.

4254. Sphaerococcus Domingensis. (*Gracilaria Domingensis Sonder. herb.)* Sph. major, phycomate bi-tripinnato, complanato, pinnis elongatis, pinnulisque linearibus utrinque attenuatis. — Ins. St. Domingo.

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt, 100mal vergrössert.

4255. Sphaerococcus dactyloides. *(Kg. Spec. Alg. 776.)* — Ad novam Hollandiam occident.: *Preiss!* (Herb. Sonder.)

Fig. *c.* Exemplar in natürlicher Grösse. — *d* Querschnitt, 100mal vergrössert.

Tab. 23.

4256. Gelidium acrocarpum. (*Harvey* in *herb. Sonder.*) G. minus, plycomate cartilagineo complanato, fastigatim

Digitized by Google

multipartito, segmentis angustissime linearibus, basi et apice attenuatis acutis subulatis. — Ceylon: Harvey.

Fig. *a.* Natürliche Grösse. — *b* Einige fruchttragende Spitzen mit Vierlingsfrüchten, 25mal vergrössert.

4257. Gelidium variabile. (*Grev.*) G. filiforme setaceum basi et apice parum attenuatum, irregulariter ramosum, ramis ramulisque conformibus, saepe secundis. — India orientalis: *Dr. Wight.* (Herb. Sonder.)

Fig. *c d.* Verschiedene Exemplare in natürlicher Grösse.

Tab. 24.

4258. Gelidium tripinnatum. (*Kg. nov. sp.*) G. minus complanatum, tripinnatum, pinnis pinnulisque linearibus, hinc inde dentatis. – India occidentalis. (Herb. Sonder.)

Fig *a. b. c.* Verschiedene Exemplare in natürlicher Grösse.

4259. Gelidium polycladum. (*Sonder herb.*) G. mediocre, cartilagineum, phycomate basi ramoso, ramis complanatis angustissimis, tripinnatis, pinnulis fertilibus approximatis, minutis lanceolatis, sterilibus spiniformibus rigidis. — Nangasaki. Japonia.

Fig. *d.* Natürliche Grösse. — *e.* Mehrere Fiederchen mit Kapselfrüchten, 20mal vergrössert.

Tab. 25.

4260. Gelidium proliferum. (*Harv. Phycol. austr.*) G. majus, phycomate primario crasiusculo hirto elongato ramoso, ramis proliferis, prolificationibus regulariter pinnatis, pinnis glabris linearibus, apice saepe incisis. Color coccineo-purpurascens. Substantia corneo-cartilaginea. — „Fremantle, Western Australia". *Harvey!* (Herb. Sonder.)

Fig. *a.* Natürliche Grösse.

4261. Gelidium secundatum. (*Zanardini in herb.* Sonder.) G. minus filiforme, subsetaceum, cespitosum, ramosum, ramis elongatis, ramulis brevioribus secundatis. — Dalmatia: *Sandri.*

Fig. *b.* Ein Räschen in natürlicher Grösse. — Querschnitt 100mal vergrössert.

Tab. 26.

4262. Wurdemannia setacea. (*Harv. in herb. Sonder.*) W. phycomate minori filiformi setaceo ramosissimo,

Digitized by Google

ramis inaequalibus, aequicrassis, alternis vel subsecundis, fructiferis apice incrassatis clavulatis, tetrachocarpia quadrijuga foventibus. Structura minutim cellulosa. — „Key West. Florida." *Harvey!* (Herb. Sonder.)

Fig. *a. b. c. d.* Natürliche Grösse. — *e. f.* Zweigspitzen mit Vierlingsfrüchten. — *g. h.* Durchschnitte mit Vierlingsfrüchten. — *i.* Einzelne Vierlingsfrüchte. — *k.* Querschnitt durch das untere Phykom. — *e.—k.* 100mal vergrössert.

4263. Acanthococcus subulatus. (*J. Ag. — Sphaerococcus subulatus Ag. Spec. I. 318. — Gigartina subulata Grev. — Kg. Spec. Alg. 750*) — „In Mari Canadensi". (Herb. Sonder.)

Fig. *l.* Natürliche Grösse. — *m.* Querschnitt, 100mal vergrössert.

Tab. 27.

4264. Solieria australis. (*Harv. in herb. Sonder.*) S. major, crassiuscula, tripinnata, pinnis pinnulisque utrinque attenuatis, fructiferis; cystocarpiis semiimmersis. — „Fremantle, Western Australia." *Harvey.*

Fig. *a.* Natürliche Grösse. — *b.* Durchschnitt einer Kapselfrucht, 100mal vergrössert.

Tab. 28.

4265. Corallopsis australasica. (*Sonder herb.*) C. phycomate cylindrico filiformi elongato, alterne ramoso, ramis plus minusve elongatis articulatis, ad genicula ramelliferis, ramellis verticillatis clavatis truncatis. — „Guichen-Bay". Francis S. Dutton.

Fig. *a.* Ein kleines Exemplar in natürlicher Grösse. — *b.* Querschnitt durch einen kleinen Zweig, — *c.* Querschnitt durch einen stärkern Ast, letzterer enthält Stärkekörner in seinen Zellen. *b. c.* 100mal vergrössert.

Tab. 29.

4266. Thysanocladia serrata. (*Harv. in* Sonder *herb.*) Th. phycomate spithamaea, basi stipitato, stipite tereti erecto, apice in plures ramos subdichotomos diviso, ramis ultimis elon-

Digitized by Google

gatis complanatis linearibus utrinque attenuatis, basi interdum pectinato-dentatis, deinde pinnatis, pinnis linearibus serrato-dentatis, patentibus. Friendly Islands: *Harvey*.

Fig. *a*. Ein gefiederter Ast in natürlicher Grösse. — *b*. Querschnitt, 100mal vergrössert.

Anmerkung. Das von mir im XVIII. Bande Tab. 62 dargestellte Gelidium serratum ist mit Thysanocladia dorsifera *Kg. Spec. Alg. 769* identisch.

4267. Thysanocladia coriacea. (*Sonder herb.* — *Rhynchococcus coriaceus Kg. Sp. Alg. 755.*) — Nova Hollandia austro-occident.: *Preiss!*

Fig. *c*. Natürliche Grösse. — *d*. Querschnitt, 100mal vergrössert.

Tab. 30.

4268. Thysanocladia oppositifolia. (*J. Ag.* — *Gelidium oppositifolium Grev.* — *Kg. Spec. Alg. 766.)* — Nova Hollandia: *Preiss!* (Herb. Sonder.)

Fig. *a*. Eine Hauptfieder in natürlicher Grösse. — *b*. Querschnitt, 100mal vergrössert.

4269. Thysanocladia laxa. (*Sonder herb.*) Th. elongata spithamaea, angustissime linearis, complanata, laxe et vage tripinnata, pinnis elongatis, pinnulis oppositis minutis lineari-lanceolatis. — Nova Hollandia australis: *Ferd. Mueller.*

Fig. *c*. Bruchstück in natürlicher Grösse. — *d*. Querschnitt, 100mal vergrössert.

Tab. 31.

4270. Cryptonemia crenulata. (*J. Ag.* — *Phyllophora crenulata Kg. Spec. Alg. 791.*) — Brasilia: *Lhotsky!* (Herb. Sonder.)

Fig. *a*. Natürliche Grösse. — *b*. Querschnitt durch das Phyllom, 100mal vergrössert.

4271. Cryptonemia undulata. (*Sonder herb.*) Cr. phycomate basi stipitato diviso, in phylloma irregulariter dichotomum transiente, segmentis coriaceo-membranaceis, 3—5 lineas latis, margine maxime undulatis, apice late rotundatis. — Port Phillip, Nov. Holland. *Ferd. Mueller.*

Fig. *c*. Ein Exemplar in natürlicher Grösse. — *b*. Querschnitt durch das Phyllom, 100mal vergrössert.

Digitized by Google

Tab. 32.

4272. Cryptonemia luxurians. *(J. Ag. Euhymenia luxurians Kg. Sp. Alg. 742.)* — Brasilia: *Prinz von Neuwied.* (Herb. Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt durch die obere Lamina. — *c.* Schnitt durch die verdickte Zellenlage des Mittelnervs. Beide 100mal vergrössert.

4273. Rhodocladia Lamberti. (*Sonder herb.*) — Guichen-Bay: Francis S. Dutton.

Fig. *d.* Bruchstück in natürlicher Grösse mit Kapselfrüchten. — *e.* Schnitt durch eine Kapselfrucht, 100mal vergrössert.

Anmerkung Im XVII. Band Tab. 95. Fig. *a.* u. *b.* habe ich dieselbe Alge unter dem Namen Chondrococcus Lambertii abgebildet, aber mit einer anderen Fruchtform. Beide Abbildungen ergänzen sich daher gegenseitig.

Tab. 33.

4274. Sarcodia ceylanica. *(Harvey in herb. Sonder.)* S. phycomate carnoso-cartilagineo, molli, basi cuneato, deinde profunde lobato vel diviso, segmentis dichotomis apice obtusis vel emarginatis; cystocarpiis mamillosis marginalibus, tetrachocarpiis in disco segmentorum. — Ceylon: *Harvey!*

Fig. *a.* Fragment mit Kapselfrüchten in natürlicher Grösse. — *b.* Querschnitt durch das Phykom, 100mal vergrössert.

4275. Curdiaea laciniata. (*Harv. in Sonder herb.*) C. coriacea carnosa, spithamaea, complanata, e basi late cuneata dichotomo-multifida; cystocarpiis marginalibus mamaeformibus numerosis. — M'Donnell-Bay. (Herb. Sonder.)

Fig. *c.* Ein Bruchstück in natürlicher Grösse. — *d.* Querschnitt, 100mal vergrössert.

Tab. 34.

4276. Curdiaea obtusata. (*Harv. — Rhodymenia obtusata Sonder. — Sphaerococcus coriaceus Kg. Sp. Alg. 784.*) — Nova Hollandia occident. *Preiss.* (Herb. Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt, 100mal vergrössert.

4277. Acropeltis australis. (*Sonder herb. — Sphaerococcus australis Kg. l. c. 784.)* — Nova Hollandia. (Herb. Sonder.)

Digitized by Google

Fig. *c.* Exemplar mit Vierlingsfrüchten in natürlicher Grösse. — *d.* Umriss eines Querdurchschnitts durch die eine Spitze, schwach vergrössert. — *e.* Querschnitt durch eine Spitze, 100mal vergrössert, mit Vierlingsfrüchten.

Tab. 35.

4278. Acropeltis phyllophora. (*Harv. Phyc. austr. V. 5. tab. 283.*) A. major, spithamaea, phyllomate coriaceo-membranaceo, a basi diviso, segmentis 2—4 lineas latis elongatis pinnatis, pinnis inaequaliter dichotomis, lobis apice peltatis. — Queenscliff, Port Phillip: *Ferd. Mueller.* (Herb. Sonder.)

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt durch ein schildförmiges Ende, 100mal vergrössert.

4279. Acropeltis elata. (*Harv. in Sonder herb.*) A. spithamaea, phycomate primario anguste lineari, flexuoso-dentato, apice diviso, segmentis apice crebre dichotomis fastigatis. — Nova Hollandia occidentalis: *Harvey.*

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt durch einen Endlappen. — *e.* Einzelne Vierlingsfrüchte aus diesem Schnitt. *d. e.* 100mal vergrössert.

Tab. 36.

4280. Acrotylus australis. (*J. Ag. in Herb. Sonder.*) A. phycomate tereti ramosissimo, ramis dichotomis fastigatis, apice incrassatis vel constrictis. Color siccati aterrimus. — M'Donnell-Bay: Wehl.

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt durch eine verdickte Spitze, 100mal vergrössert.

4281. Acrotylus australis var. constricta. (*Sonder.*) ramis toruloso-constrictis. — Port Phillip.

Fig. *c.* Bruchstück in natürlicher Grösse.

4282. Areshougia australis. (*Harvey in Herb. Sonder.*) A. phycomate elongato, complanato, nervo medio longitudinaliter percurso, tripinnato, pinnisque varie constrictis, basi attenuatis, margine obsolete dentatis. — Nova Hollandia occident. *Harvey.*

Fig. *d.* Bruchstück in natürlicher Grösse. — *e.* Querschnitt, 100mal vergrössert.

Digitized by Google

Tab. 37.

4283. Hennedya crispa. *(Harv. in Sond. herb.)* H. phycomate plano carnoso, siccitate rigido, a basi diviso, segmentis subflabellato incisis lobatisve, subdichotomis, undulato-crispis, obtusis. (Structura peculiaris; strato medio et utroque corticali gelatinoso, e cellulis minutis rotundis, gelatina hyalina involutis formato; strato subcorticali: cellulis maximis inanibus.) — „West-Australia“: *Harvey.*

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt, 100mal vergrössert.

4284. Erythroclonium angustatum. *(Sonder herb.)* E. coccineum filiforme gracile articulatum, ad genicula ramosissimum; ramis ramulisque alternis, oppositis, raro verticillatis; articulis elongatis gracilibus, utrinque sensim attenuatis. — Nova Hollandia: *Ferd. Mueller!*

Fig. *c.* Bruchstück in natürlicher Grösse. — *d.* Einige Endglieder, schwach vergrössert. — *e.* Querschnitt mit Vierlingsfrüchten. — *f.* Centralachse aus einem Endgliede. — *e. f.* 100-mal vergrössert.

Tab. 38.

4285. Dicranema revolutum. *(Ag. in herb. Sonder.)* D. minus, setaceum, squarroso-dichotomum, apicibus dilatatis fructiferis revolutis. — „Cape riche, West. Australia“: *Harvey.*

Fig. a. Natürliche Grösse. — *b.* Querschnitt durch eine Spitze mit Vierlingsfrüchten.

4286. Dicranema furcellatum. *(Hook. et Harv. Cystoclonium? furcellatum Kg. Spec. Alg. 757.)* — „Port Arthur, Van Diemensland“. *Harvey.* (Herb. Sonder.)

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt des unteren Phykoms, — *e.* Querschnitt eines oberen Zweigs, beide 100mal vergrössert.

Tab. 39.

4287. Calliblepharis conspersa. *(Harv. in* Sonder *herb.)* C. major, stipite supra basin complanato lineari, margine phyllophoro, phyllis elongatis, e basi gracili cuneato lanceolatis, margine et disco serrato-dentatis, interdum proliferis, demum

Digitized by Google

apice et disco superiore eroso-perforatis, laceratisve. — „Western Australia". *Harvey.*

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt der oberen Lamina mit Vierlingsfrüchten, 100mal vergrössert.

4288. Carpoblepharis ceylanica, *(Harvey in Sonder herb.)* C. phycomate 2—3pollicari, complanato, tripinnato, pinnis pinnulisque linearibus attenuatis margine ciliiferis, ciliis furcatis vel subdichotomis, apice saepe capitatis. Color purpureo-violascens. — „Ceylon". *Harvey.*

Fig. *c.* Exemplar in natürlicher Grösse. — *d.* Einige Randwimpern mit unentwickelten Kapselfrüchten, 100mal vergrössert.

Tab. 40.

4289. Epymenia obtusa. *(Phyllophora obtusa Grev.)* — Ad oras Capenses: Greville.

Fig. *a.* Exemplar in natürlicher Grösse. — *b.* Querschnitt durch ein Fruchtblatt mit Vierlingsfrüchten, 100mal vergrössert.

4290. Epymenia membranacea. *(Harv. in* Sonder *herb.)* E. minor, phyllomate e basi gracili cuneata patenti-dichotomo, segmentis linearibus, apice attenuatis obtusis. — Van Diemensland: *Stuart.*

Fig. *c.* Exemplar mit breitern Segmenten in natürlicher Grösse. — *d.* Querschnitt 100mal vergrössert. — *e.* Umriss eines Exemplars mit schmälern und längern Segmenten in natürlicher Grösse.

Tab. 41.

4291. Epymenia maxima. *(Kg. nov. sp. — Epymenia obtusa Kg. Spec. Alg. 787.)* — In sinu tabulari: *Pappe!*

Fig. *a.* Bruchstück mit Fruchtblättern in natürlicher Grösse. — *b.* Querschnitt durch ein Fruchtblatt, 100mal vergrössert.

Tab. 42.

4292. Melanthalia Billardieri. *(Kg. l. c. 784.)* — Van Diemensland.

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt, 100mal vergrössert.

Digitized by Google

4293. Melanthalia Vieillardi. (*Kg. nov. sp. 1861.*) M. phycomate plano lineari, obsolete costato, basi sensim attenuato, sursum dichotomo, axillis acutis, segmentis linearibus fastigatis, summis angustioribus obtusis. — Nova Caledonia: Vieillard.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

Tab. 43.

4294. Melanthalia Muelleri. (*Kg. nov. sp.*) M. elongata, spithamaea, anguste linearis, a basi complanata, subdichotome pinnata, pinnis omnibus conformibus, patenti-erectis obtusis, longitudine inaequalibus. — Nova Hollandia: Mueller!

Fig. *a.* Natürliche Grösse

4295. Melanthalia Jaubertiana. (*Montagne. — Kg. Spec. Alg. 784.*) — Tasmania.

Fig. *b.* Exemplar in natürlicher Grösse, mit Kapselfrüchten. — *c.* Schnitt durch eine Kapselfrucht, 100mal vergrössert.

Tab. 44.

4296. Melanthalia fastigata. (*Kg. nov. sp.*) M. mediocris, basi stipitata, stipite tereti, unciali et ultra, phycomate conformi parum complanato crebre dichotomo fastigato, ramis sensim tenuioribus, apice truncatis. — Nova Caledonia: *Vieillard.*

Fig. *a.* Exemplar in natürlicher Grösse. — *b.* Querschnitt durch einen Ast, 100mal vergrössert.

4297. Apophlaea Sinclairii. (*Hook. — Kg. Sp. Alg. 795.*) — Nova Zeelandia: *J. D. Hooker.*

Fig. *c. d. e.* Verschiedene Exemplare in natürlicher Grösse. — *f.* Querschnitt, 100mal vergrössert. — *g.* Theil eines Längendurchschnitts, — *h.* kleiner Theil eines Querschnitts, 300mal vergrössert.

Tab. 45.

4298. Porphyroglossum Zollingeri. (*Kg. l. c. 794.*) — Java: *Zollinger!*

Fig. *a.* Natürliche Grösse. — *b.* Ein Fruchtblatt, schwach vergrössert. — *c.* Querschnitt durch ein Fruchtblatt mit Vierlings-

Digitized by Google

früchten, 100mal vergrössert. — *d.* Theil eines Fruchtblattes von Aussen betrachtet, 100mal vergrössert.

4299. Ptilophora spissa. *(Kg. l. c. 794.)* — Ad oras Capenses: *Drége.* (Herb. Sonder.)

Fig. *e.* Natürliche Grösse. — *f.* Eine Fieder mit (sterilen) Fruchtblättchen, schwach vergrössert. — *g.* Querschnitt, 100mal vergrössert.

Tab. 46.

4300. Nothogenia variolosa. (*Mont. — Kg. l. c. 795.*) — Kerguelensland: *J. D. Hooker.*

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt durch eine Kapselfrucht, 100mal vergrössert.

4301. Nothogenia tuberculosa. *(Kg. l. c.)* — Ins. Auckland.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

4302. Nothogenia livida. *(Kg. nov. sp.)* N. stipite firmo subramoso, phyllomate plano cartilagineo corneo, livide violaceo, crebre lobato multifido, segmentis brevibus linearibus apice emarginatis. — Nova Caledonia: *Vieillard!*

Fig. *e.* Natürliche Grösse. — *f.* Querschnitt, 100mal vergrössert.

Tab. 47.

4303. Thamnoclonium hirsutum. (*Kg. Spec. Alg. 793.*) Th. phycomate basi tumido, deinde breviter stipilato, stipite elongato-conico, phycomate elongato fastigatim dichotomo, segmentis ubique teretibus. — Port Phillip: *Ferd. Mueller.*

Fig. *a.* Ein kleines Bruchstück in natürlicher Grösse. — *b. c. d.* Querschnitte durch die Lupe gesehen; — *e.* Theil eines Querschnitts, 100mal vergrössert.

4304. Thamnoclonium proliferum. (*Sonder herb.*) Th. phycomate a basi usque ad apices plano, segmentis linearibus, apice rotundatis. — „St. Vincents Golf." Francis S. Dutton.

Fig. *f.* Bruchstück in natürlicher Grösse. — *g.* Querschnitt, 100mal vergrössert.

Digitized by Google

Tab. 48.

4305. Thamnoclonium Lemannianum. (*Harv. in herb. Sonder.*) Th. phycomate lignoso tereti alterne ramoso, ramis in phyllomata lanceolata, vel obovata prolifera transientibus, nervo medio duro evanescente. — Frimantle, ad Swanriver: *Harvey.*

Fig. *a.* Natürliche Grösse. — *b.* Theil eines Querschnitts durch ein Phyllom, 100mal vergrössert.

4306. Chaetangium dichotomum. (*Kg. nov. sp.*) Ch. phycomate plano basi cuneato dichotomo, segmentis ultimis angustioribus in carpoclonia transmutatis; carpocloniis lateralibus dichotomis supra basin phycomatis dense congestis. — Ad Caput Bonae Spei.

Fig. *c.* Exemplar in natürlicher Grösse. — *d.* Schnitt durch eine Kapselfrucht, schwach vergrössert. — *e.* Ein Theil dieses Schnittes, — *f.* einzelne Sporenbüschel, 300mal vergrössert.

Tab. 49.

4307. Chaetangium Hystrix. (*Kg. Spec. Alg. 793.*) — Caput Bonae Spei.

Fig. *a.* Exemplar mit sterilen Fruchtblättern in natürlicher Grösse. — *b.* Eine Spitze mit fertilen Fruchtblättern in natürlicher Grösse. — *c.* Schnitt durch eine Kapselfrucht, 100mal vergrössert. — *d.* Ein Sporenbüschel aus derselben, 300mal vergrössert.

4308. Chaetangium ornatum. (*Kg. l. c. 792.*) — Caput Bonae Spei: *Pappe!*

Fig. *f.* Exemplar mit sterilen Fruchtblättern in natürlicher Grösse. — *g.* Querschnitt, 100mal vergrössert.

Tab. 50.

4309. Rhodophyllis bifida. (*Kg. Spec. Alg. 786.*) — In mari mediterraneo.

Fig. *a.* Natürliche Grösse eines Exemplars mit Kapselfrüchten. — *b.* Schnitt durch eine Kapselfrucht, 100mal vergrössert. — *c.* Exemplar mit Vierlingsfrüchten. — *d.* Theil eines Segments mit Vierlingsfrüchten an der Oberfläche. — *e.* Querschnitt mit Vierlingsfrüchten. — *f.* Einzelne Vierlingsfrüchte. — *d. e. f.* 100mal vergrössert.

Digitized by Google

4310. Rhodophyllis capensis. (*Kg. l. c.*) — Caput Bonae Spei: *Pappe!*

Fig. *g. h.* Zwei verschiedene Exemplare mit Vierlingsfrüchten in natürlicher Grösse. — *i.* Querschnitt mit Vierlingsfrüchten. — *k. l.* Einzelne Vierlingsfrüchte. — *i. k. l.* 100mal vergrössert.

Tab. 51.

4311. Rhodophyllis multipartita. (*Sonder herb.*) Rh. phycomate primario alterne et flexuoso-pinnato, pinnis crebre dichotomis, basi attenuatis, segmentis linearibus apice bifurcatis, prolificationibus lateralibus conformibus minoribus. — Van Diemensland: *Stuart.*

Fig *a.* Bruchstück in natürlicher Grösse. — *b.* Querschnitt, 100mal vergrössert.

4312. Rhodophyllis spathulifera. (*Kg. sp. nov.*) Rh. minor, e basi cuneata subdichotoma, segmentis brevioribus latioribus, apice et latere proliferis, prolificationibus foliaceis obovatis spathulatis. — E mare mediterraneo.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

4313. Sphaerococcus denticulatus. (*Kg. nov. sp.*) S. phycomate e basi tereti complanato subcoriaceo, inaequaliter dichotomo, segmentis sursum parum dilatatis, superioribus margine acute denticulatis, disco fructiferis; cystocarpiis globosis sessilibus. Color violaceus. — Nova Caledonia: Vieillard.

Fig. *e.* Natürliche Grösse. — *f. g.* Theil eines Durchschnitts der Kapselfrucht; *f.* Kapselwand, *g.* Sporenketten auf ihrer Unterlage. 100mal vergrössert.

Tab. 52.

4314. Rhodophyllis blepharicarpa. (*Harv. in Sonder herb.*) Rh. phyllomate membranaceo, e basi cuneato latiori inaequaliter dichotomo, segmentis basi attenuatis, margine ciliato-denticulatis apice obtusis. Color e rubro fuscescens. — Ad Novam Hollandiam: *Ferd. Mueller.*

Fig. *a.* Natürliche Grösse. — *b.* Obere Zellenlage des Phylloms. — *c.* Querschnitt durch dasselbe, 100mal vergrössert.

Digitized by Google

4315. Rhodophyllis Veprecula. (*J. Ag.* — *Fucus Veprecula Wormsk. in Mert. reliq.*) R. phycomate compresso, a basi gracili irregulariter di-trichotomo, segmentis linearibus apice attenuatis subulatisque; carpocloniis lateralibus ciliiformibus acutis, simplicibus vel ramosis, — Kamschatka. (Herb. Sonder.)

Fig. *d.* Natürliche Grösse. — *e.* Schnitt durch eine Kapselfrucht, 100mal vergrössert. — *f.* Querschnitt durch das Phykom, 100mal vergrössert.

Anmerkung. Gehört nach der Structur des Phykoms und der Kapselfrucht zur Gattung Sphaerococcus.

Tab. 53.

4316. Rhodophyllis membranacea. (*Harv. in Sonder herb.*) Rh. maxima phyllomate primario firmiori irregulariter diviso, subdichotomo, segmentis plus minusve latioribus, inaequalibus, margine et apice proliferis, prolificationibus fructiferis, junioribus simplicibus, adultioribus bi-tripinnatis, tenuiter membranaceis, coccineo-roseis, pinnis pinnulisque obtusis. — Van Diemensland: *Stuart.*

Fig. *a. b.* Fragmente in natürlicher Grösse. — *c.* Theil einer Fieder mit Vierlingsfrüchten, 100mal vergrössert.

4317. Rhodophyllis angustifrons. (*Hook et Harv.*) R. minor, delicatula, roseo-coccinea, irregulariter dichotoma, membranacea, segmentis anguste linearibus apice plerumque parum latioribus, obtusis. — „Nova Zeelandia“: *D. Lyall.* (Herb. Sonder.)

Fig. *d. e. f. g.* Verschiedene Exemplare in natürlicher Grösse. — *h.* Die Oberfläche, — *i.* Querschnitt, beide 100mal vergrössert.

Tab. 54.

4318. Amansia linearis. (*Harv.* — *Lenormandia linearis J. Ag.* — *Delesseria amansioides Sonder.*) A. stipite brevi tereti, phyllomate e basi cuneato lineari, subdiviso, e nervo medio percurso prolifero, prolificationibus linearibus basi attenuatis, apice obtusis. „Guichen-Bay“. *Francis S. Dutton!* (Herb. Sonder.)

Fig. *a. b.* Natürliche Grösse. — *c.* Ein Theil des Phylloms, 100mal vergrössert.

Digitized by Google

4319. Dictymenia prolifera. (*Kg. Spec. Alg. 848. — Amansia prolifera Grev.*) — India orientalis. (Herb. Sonder.)

Fig. *d.* Natürliche Grösse. — *e.* Ein Fiederchen, welches bei *f.* von der Rindenschicht entblösst ist. — *g.* Querschnitt. — *f. g.* 100mal vergrössert.

Tab. 55.

4320. Claudea elegans. (*Lamour. — Kg. Sp. Alg. 888.*) — Tasmania.

Fig. *a.* Bruchstück eines Exemplars mit Kapselfrüchten in natürlicher Grösse. — *b.* Eine Kapselfrucht, schwach vergrössert. — *c.* Sporen, — d. Zellgewebe der Kapselfrucht, beide 100mal vergrössert. — *e.* Eine Fieder mit Vierlingsfrüchten in natürlicher Grösse. — *f.* Fruchtblatt mit Vierlingsfrüchten, 40mal vergrössert. — *g.* Theil eines solchen, 100mal vergrössert.

Tab. 56.

4321. Claudea multifida. (*Harv. in herb.* Sonder.) C. minor, phyllomate e basi cuneata flabelliformi laciniato, laciniis lobatis. Color violascens. — Ceylon: *Harvey.*

Fig. *a.* Natürliche Grösse. — *b.* Theile des gegitterten Phykoms mit Vierlingsfrüchten, — *c.* Ein Fruchtblatt mit Vierlingsfrüchten, — beide 100mal vergrössert.

4322. Vanvoorstia spectabilis. (*Harvey.*) V. phycomate plano flabelliformi, margine lobulato, clathrato, e venis pulchre ramosis et reticulatim conjunctis composito; cystocarpiis globosis, subsessilibus, spermatia obovata majora foventibus. — Ceylon: *Harvey.* (Herb. Sonder.)

Fig. *d.* Exemplar in natürlicher Grösse. — *e.* Eine Kapselfrucht und ein Theil des Blattnetzes, 100mal vergrössert.

Tab. 57.

4323. Martensia elegans. (*Hering. — Kg. Spec. Alg. 888.*) — „New South Wales: *Harvey.*"

Fig. *a.* Exemplar mit Kapselfrüchten in natürlicher Grösse. — *b.* Längsschnitt durch die Kapselfrucht, 100mal vergrössert. — *c.* Jüngeres steriles Exemplar in natürlicher Grösse.

Digitized by Google

— *d.* Ein Theil des Gitterwerks mit dem äussersten Rande, 100mal vergrössert.

Tab. 58.

4324. Martensia australis. (*Harv.*) M. major, phyllomate flabelliformi, basi in stipitem cartilagineum attenuato, margine extremo reticuli fimbriato. — Tasmania: *Fereday.* (Herb. Sonder.)

Fig. *a.* Ein Exemplar in natürlicher Grösse. — *b.* Netz mit Vierlingsfrüchten, 100mal vergrössert.

Tab. 59.

4325. Martensia denticulata. (*Harvey.*) M. minor, uncialis, flabelliformis, hinc divisa et lobata, illinc integra, basi cuneata, margine extremo reticuli lobato denticulatoque. — „Fremantle": *Harvey!* (Herb. Sonder.)

Fig. *a.* Ein jüngeres Exemplar ohne Gitterbildung. — *b.* Ein älteres Exemplar mit Gitterbildung, beide in natürlicher Grösse. — *c.* Theil des Gitters mit dem Rande, 100mal vergrössert.

4326. Martensia fragilis. (*Harv.*) M. minor, lobata, lobis bifidis vel emarginatis, margine extremo reticuli leviter et obtuse sinuato, nec denticulato. — Ceylon: *Harvey!* (Herb Sonder.)

Fig. *d. e. f. g.* Verschiedene Exemplare in natürlicher Grösse. — *h.* Ein kleiner Theil des Gitters, — *i.* Fruchtblatt des Gitters mit Vierlingsfrüchten, beide 100mal vergrössert.

Tab. 60.

4327. Martensia flabelliformis. (*Harvey.*) M. stipitata, stipite solido tereti, simplici vel bifido; phyllomate insigniter flabellato, margine extremo reticuli minutissime denticulato. — „Friendly Island": *Harvey.* (Herb. Sonder.)

Fig. *a. b. c.* Exemplare in natürlicher Grösse. — *d.* Ein Theil des gezähnelten Randes und Gitterwerks, 100mal vergrössert.

4328. Martensia pavonia. (*J. Ag.*) M. parvula, delicatula, phyllomate stipitato, varie diviso et lobato, lobis angustis

Digitized by Google

flabellatis; reticulo heteromorpho, hinc grosse fenestrato, illinc minutissime cancellato. — Ins. Stae. Crucis. (Herb. Sonder.)

Fig. *e.* bis *l.* Verschiedene Exemplare in natürlicher Grösse. — *m.* Ein Rand mit feinem jungen Gitterwerk. — *n.* Theil eines weiter entwickelten Gitters. — *m. n.* 100mal vergrössert.

Tab. 61.

4329. Oncotylus norvegicus. (*Kg. Sp. Alg.*) In mari atlantico.

Fig. *a.* Natürliche Grösse. — *b.* Schnitt durch das Phykom und einen Haufen von Kettensporen, 300mal vergrössert.

4330. Oncotylus crenulatus. (*Kg l. c.*) — In mari atlantico et mediterraneo.

Fig. *c.* Exemplar aus der Sammlung Turner's von der portugiesischen Küste, in natürlicher Grösse. — *d.* Exemplar von der Südküste Spaniens in natürlicher Grösse. — *e.* Schnitt durch einen Haufen von Kettensporen, 100mal vergrössert. — *f.* Einzelne Sporenketten, 300mal vergrössert.

Tab. 62.

4331. Oncotylus dilatatus. (*Kg. l. c. 789.*) — Caput Bonae Spei: Pappe!

Fig. *a.* Natürliche Grösse. — *b.* Kleiner Theil eines Schnitts durch einen Haufen Sporenketten und einen Theil des Phykoms, 100mal vergrössert.

4332. Gymnogongrus foliosus. (*Harv.*) G. phycomate plano membranaceo (molli), dichotomo, segmentis apice attenuatis acutis, margine proliferis; prolificationibus bi-trifurcatis, — Port Phillip: *Ferd. Mueller!* (Herb. Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt, 100mal vergrössert.

Tab. 63.

4333. Gymnogongrus ligulatus. (*Harv.*) G. major elongatus, stipite elongato sursum complanato, margine serrulato, deinde regulariter et flabellatim dichotomo, segmentis linearibus patentibus obtusis. — Ceylon: *Harvey.* (Sonder Herb.)

Digitized by Google

Fig. *a.* Bruchstück in natürlicher Grösse. — *b.* Schnitt durch das Phykom, 100mal vergrössert.

4334. Gymnogongrus glomeratus. (*J. Ag.*) G. fasciculatim crescens, phycomate basi attenuato, deinde dichotomo, segmentis ultimis plerumque dilatatis obtusis, raro attenuatis. Cap. Bonae Spei: Pappe. (Herb. Sonder.)

Fig. *c. d.* Exemplare in natürlicher Grösse. — *e.* Schnitt durch eine Kapselfrucht, 100mal vergrössert.

Tab. 64.

4335. Gymnogongrus furcatus. (*Harv.*) G. elongatus filiformis, gracilis, supra basin ramulis fructiferis setaceis lateralibus approximatis et secundatis, deinde in ramos elongatos apice et latere ramulosos diviso, apicibus acutis. — Nova Zeelandia: Harvey! (Herb. Sonder.)

Fig. *a.* Natürliche Grösse. — *b.* Schnitt durch eine Kapselfrucht mit Mikrosporen, 100mal vergrössert.

4336. Gymnogongrus pygmaeus. (*J. Ag.*) G. minor, plano-filiformis, multifidus, segmentis angustissime linearibus crebre dichotomis. — India orientalis. (Herb. Sonder.)

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

4337. Gymnogongrus densus. (*J. Ag.*) G. pusillus, setaceus, crebre ramosissimus, ramis patentibus intricatis, apice bifurcatis. — India orientalis. (Herb. Sonder.)

Fig. *e. e.* Natürliche Grösse. — *f.* Querschnitt, 100mal vergrössert.

Tab. 65.

4338. Gymnogongrus furcellatus. (*Kg. Spec. Alg. 788.*) — In mari mediterraneo.

Fig. *a.* Natürliche Grösse — *b.* Querschnitt, 100mal vergrössert

4339. Gymnogongrus tentaculatus. (*Kg. l. c.*) — Venetiis.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt durch das Phykom und durch eine Anhäufung kettenförmig verbundener Vierlingsfrüchte, 100mal vergrössert.

4340. Gymnogongrus Griffithsiae. (*Mart.* — *Kg. l. c.*) — Ad oras atlanticas.

Fig. *e. f.* Natürliche Grösse. — *g.* Querschnitt durch eine Anschwellung des Phykoms mit Kettensporen, 100mal vergrössert.

Digitized by Google

Tab. 66.

4341. Gymnogongrus parthenopaeus. (*Kg. Spec. Alg. 788.*) — In sinu neapolitano.

Fig. *a.* Verschiedene Exemplare in natürlicher Grösse. — *b.* Querschnitt, 100mal vergrössert.

4342. Gymnogongrus plicatus. (*Kg. l. c. 789*) — Helgoland.

Fig. *c.* Exemplar mit Anhäufungen von Kettensporen, welche einzelne Zweige verdicken, in natürlicher Grösse. — *d.* Querschnitt durch einen verdickten Zweig mit Kettensporen, 100mal vergrössert. — *e.* Kettensporen in 300maliger Vergrösserung.

Tab. 67.

4343. Gymnogongrus comosus. (*Kg. nov. spec.*) G. filiformis subcompressus, crebre dichotomus, segmentis apice leviter dilatatis, plus minusve incurvatis. — In freto magellanico.

Fig. *a.* Exemplar in natürlicher Grösse. — *b.* Querschnitt, 100mal vergrössert.

4344. Gymnogongrus setaceus. (*Kg. nov. spec.*) G. filiformis teres, elongatus, crebre ramosus; ramis alternis, vel subsecundis, inaequalibus, subdichotomis, apice acutis. — Ad oras chiloenses.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt durch ein Fruchtpolster mit Kettensporen, 100mal vergrössert.

Tab. 68.

4345. Gymnogongrus filiformis. (*Kg. nov. sp.*) G. elongatus, filiformis, erectus, crebre ramosus; ramis setaceis dichotomis, subfastigatis. — Ad oras chiloenses.

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt, 100mal vergrössert.

4346. Gymnogongrus amnicus. (*Montagne, Sylloge gener. spec. cryptog. p. 441.*) „rhodomeloides; fronde caespitosa gracillima, unciali et ultra, atro-violacea, irregulariter dichotome virgato-ramosa, divisionibus extremis bifurcis; nemathecciis amplectentibus sparsis". — „Ad rupes in torrentibus aquae dulcis montium Kau dictorum". — Spec. dedit Montagne!

Digitized by Google

Fig. *c.* Natürliche Grösse. — *d. e.* Einige Zweigspitzen mit den Verdickungen, welche von Montagne als „nemathecia amplectentia" bezeichnet werden. — *f. g.* Querschnitte durch die verdickten Stellen, 100mal vergrössert.

Tab. 69.

4347. Gymnogongrus implicatus. (*Kg. Spec. Alg. 789.*) — Ad oras peruanas.

Fig. *a. b.* Natürliche Grösse. — *c.* Querschnitt, 100mal vergrössert.

4348. Gymnogongrus nodosus. (*Kg. nov. sp.*) G. erectus, crassiusculus, cespitosus, phycomatibus subcompressis, sterilibus simplicibus vel bifidis, fructiferis parum dichotomis, segmentis subtornatis, fructiferis; cystocarpiis inaequaliter approximatis, globosis semiimmersis. — Chiloe.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt durch ein Segment mit einer Kapselfrucht, 100mal vergrössert.

Tab. 70.

4349. Gymnogongrus Polyides. (*Areschoug.*) G. semipedalis, teres, filiformis; phycomate inferiori firmo, stipitiformi: ramis ramulisque crebris tenuioribus irregulariter dichotomis, subintricatis; cystocarpiis globosis semiimmersis. — Peruvia. Sp. dedit Montagne!

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt durch eine Kapselfrucht und einen Theil des Phykoms, 100mal vergrössert.

Tab. 71.

4350. Ahnfeldia gigartinoides. (*J. Ag.* — Gymnogongrus gigartinoides *Kg. Spec. Alg. 789.*) — Ad oras mexicanas: Liebmann!

Fig. *a. b. c. d.* Verschiedene Exemplare in natürlicher Grösse. — *e.* Querschnitt, 100mal vergrössert.

4351. Gigartina prolifica. (*Kg. nov. sp.*) G. semipedalis, filiformis, teres, ultra setacea, basi subsecunde ramosa, apice subdichotoma, ramis ramulisque utrinque attenuatis, apice acutis,

Digitized by Google

latere proliferis; prolificationibus abbreviatis truncatis, plerumque glomeratim aggregatis. — „Galveston, Texas". Montagne!

Fig. *f. g.* Exemplare in natürlicher Grösse. — *h.* Querschnitt, 100mal vergrössert.

Tab. 72.

4352. Trematocarpus dichotomus. (*Kg. Spec. Alg. 785.*) — Ad oras Peruviae.

Fig. *a.* Natürliche Grösse. — *b.* Schnitt durch eine Kapselfrucht und einen Theil des Phykoms, 100mal vergrössert.

4353. Trematocarpus virgatus. (*Kg. l. c.*) — Peru.

Fig. *e.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

Tab. 73.

4354. Trematocarpus polychotomus. (*Kg. l. c.*) — Caput bonae spei.

Fig. *a.* Natürliche Grösse. — *b.* Schnitt durch eine Kapselfrucht und einen Theil des Phykoms, 100mal vergrössert.

4355. Trematocarpus furcellatus. (*Kg.* — Plocaria furcellata *Montagne Sylloge crypt. p. 413.)* „fronde cartilagineo-gelatinosa filiformi gracili repetito-dichotoma fastigiata, spithamaea, apicibus furcatis" (acutis). — Ad littora Yemensia maris rubri. — Specim. dedit Montagne.

Fig. *c.* Natürliche Grösse. — *d.* Querschnitt, 100mal vergrössert.

Tab. 74.

4356. Coccotylus Brodiaei. (*Kg. Spec. Alg. 791.*) — Ad oras Germaniae.

Fig. *a.* forma latifolia fructifera. — *b.* forma ligulata fructifera. — *c.* forma angustissima sterilis. — *a. b. c.* In natürlicher Grösse. — Fig. *d.* Schnitt durch eine Kugel mit Kettensporen, 100mal vergrössert. — *e.* Einige Kettensporen, 300mal vergrössert.

Digitized by Google

Tab. 75.

4357. Phyllotylus membranifolius. (*Kg. Sp. Alg. 790.)* — Helgoland.

Fig. *a.* Ein steriles Exemplar in natürlicher Grösse. — *b.* Einige Segmente mit Kettensporen in natürlicher Grösse. — *c.* Schnitt durch beiderseits ausgebildete Kettensporen, 100mal vergrössert.

4358. Phyllotylus siculus. (*Kg. l. c. 790.*) — Ad oras Siciliae.

Fig. *d.* Natürliche Grösse. — *e.* Schnitt durch das Phyllom mit beiderseitigen Kettensporen, 100mal vergrössert.

Tab. 76.

4359. Phyllophora rubens. (*Grev. — Kg. l. c. 791.*) — Ad oras Angliae.

Fig. *a.* Steriles Exemplar. — *b.* Fruchttragendes Exemplar. Beide in natürlicher Grösse. — *c.* Kapselfrucht, schwach vergrössert. — *d.* Schnitt durch die Kapselfrucht, 100mal vergrössert. — *e.* Sporen.

4360. Phyllophora nervosa. (*Grev. — Kg. l. c.*) — E mari mediterraneo.

Fig. *f.* Natürliche Grösse. — *g.* Theil eines Querschnittes durch das Phyllom, 100mal vergrössert.

Tab 77.

4361. Phyllophora denticulata. (*Lenormand in litt.*) Ph. ex lamina difformi membranacea margine ubique prolifera, prolificationibus foliaceis, basi breviter stipitatis, margine subtiliter denticulatis, obovatis, integris, vel divisis et iterum proliferis. — Curacao. Specimen dedit Lenormand.

Fig. *a.* Natürliche Grösse. — *b.* Querschnitt durch das Phyllom, 100mal vergrössert.

4362. Acanthotylus Heredia. (*Kg. Spec. Alg. 792.*) — In mari mediterraneo.

Fig. *c.* Natürliche Grösse. — *d.* Fruchtpolster mit Kettensporen, 40mal vergrössert. — *e.* Kettensporen, 100mal vergrössert. — *f.* Querschnitt durch das Phykom, 100mal vergrössert.

Digitized by Google

Tab. 78.

4363. Rhodomenia Montagneana. (*Hook* et *Harv.*) — Rhodophyllis Montagneana *Kg. Spec. Alg. 787.*) — Nova Zeelandia: J. D. Hooker!

Fig. *a.* Natürliche Grösse. — *b.* Schnitt durch eine Kapselfrucht, 100mal vergrössert.

Tab. 79.

4364. Porphyra bangiaeformis. (*Kg. Spec. Alg. 691.* — Bangia parasitica *Suhr.*) — In Chondro crispo prope Biaritz.

Fig. *a. b. c. d.* Exemplare in verschiedenen Entwickelungsstufen, 300mal vergrössert.

4365. Porphyra Boryana. (*Montagne.* — *Kg. Spec. Alg. 691.*) — In Gelidio corneo ad oras Algeriae: Lenormand!

Fig. *e.* Natürliche Grösse. — *f.* Ein kleiner Theil, 300mal vergrössert.

4366. Porphyra linearis. (*Grev.* — *Kg. l. c.*) — Ad oras Angliae.

Fig. *g.* Drei Exemplare in natürlicher Grösse. — *h. i.* Verschiedene kleine Theile des Phylloms, 300mal vergrössert.

Tab. 80.

4367. Porphyra cordata. (*Meneghini.* — *Kg. l. c.*) — In mari mediterraneo: Meneghini!

Fig. *a. b. c.* Exemplare in verschiedener Grösse. — *d.* Ein kleiner Theil des Phylloms, 300mal vergrössert.

4368. Porphyra columbina. (*Montagne.* — *Kg. l. c. 693.*) — Ins. Auckland: D'Urville!

Fig. *e.* Natürliche Grösse. — *f.* Theil des Phylloms, 300mal vergrössert.

4369. Porphyra vermicellifera. (*Kg. Spec. Alg. 692.*) — In mari adriatico.

Fig. *g. h. i.* Verschiedene Exemplare in natürlicher Grösse, — *k.* Ein Theil von der Spitze des Phylloms, — *l.* Theil von der Basis, — *m.* Theil aus der Mitte des Phylloms, — 300mal vergrössert.

Digitized by Google

Tab. 81.

4370. Porphyra miniata. (*Ag. — Kg. l. c. 692.*) — Ad oras Groenlandiae: Lyngbye.

Fig. *a.* Natürliche Grösse. — *b.* Theil des Phylloms, 300mal vergrössert.

4371. Porphyra coriacea. (*Zanardini. — Kg. l. c. 692.*) — Venetiis.

Fig. *c. d.* Natürliche Grösse. — *e.* Eine kleine Fläche, 300mal vergrössert. — *f.* Senkrechter Schnitt durch die Fläche, 300mal vorgrössert.

Tab. 82.

4072. Porphyra vulgaris. (*Ag. — Kg. l. c.*) — In mari septentrionali.

Fig. *a.* Eine kleine Fläche, — *b.* Ein senkrechter Schnitt, beide 300mal vergrössert.

4373. Porphyra laciniata. (*Ag. — Kg. l. c.*) — In mari brittanico.

Fig. *c.* Natürliche Grösse. — *d.* Eine kleine Fläche, — *e.* Senkrechter Schnitt, beide 300mal vergrössert.

Tab. 83.

4374. Porphyra amethystea. (*Kg. Spec. Alg. 692.*) — Ad oras Hiberiae.

Fig. *a.* Vier Exemplare in natürlicher Grösse. — *b.* Eine kleine Fläche, — *c.* Senkrechter Schnitt, beide 300mal vergrössert

Tab. 84.

4375. Porphyra Kunthiana. (*Kg. l. c. 692.*) — Valparaiso: Gaudichaud!

Fig. *a.* Zwei Exemplare in natürlicher Grösse. — *b.* Ein kleiner Theil der Blattfläche, — *c.* Ein kleiner Theil der dicken, lederartigen Cuticula für sich betrachtet, — *d.* Senkrechter Schnitt durch das Phyllom; — *b. c. d.* 300mal vergrössert.

Digitized by Google

Tab. 85.

4376. Porphyra Augustinae. (*Kg. l. c. 692.*) — Caput bonae spei.

Fig. *a.* Zwei Exemplare in natürlicher Grösse. — *b.* Eine kleine Blättfläche, — *c.* Senkrechter Schnitt, beide 300mal vergrössert.

Tab. 86.

4377. Porphyra capensis. (*Kg. l. c. 692.*) — Caput bonae spei.

Fig. *a.* Natürliche Grösse. — *b.* Ein Theil der Blattfläche, — *c.* Senkrechter Schnitt durch dieselbe, — beide 300mal vergrössert.

Tab. 87.

4378. Peyssonelia Squamaria. (*Decaisne — Kg. Spec. Alg. 693.*) — Ad oras Algeriae.

Fig. *a.* Exemplar mit einer eigenthümlichen Art von Früchten, in natürlicher Grösse — *b.* Schnitt durch ein Polster mit Kettensporen, 300mal vergrössert.

Anmerkung. In meiner Phycologia generalis Tab. 77. Fig. I. habe ich diese Alge bereits mit Vierlingsfrüchten abgebildet. Diese Abbildung sowie die hier gegebene ergänzen sich gegenseitig.

4379. Peyssonelia involvens. (*Zanardini in litt.*) P. parasitica, parvula, albicans, calce incrustata, reniformi-orbicularis, ramos tenuiores complectens. — In Plocamio cincinnato Mont. parasitica. Specim. dedit Montagne!

Fig. *c.* Ein Bruchstück von Plocamium cincinnatum mit der aufsitzenden Peyssonelia in natürlicher Grösse — *d. e.* Zwei Exemplare, schwach vergrössert. — *f.* 100mal vergrössert. — *g.* 300mal vergrössert.

Tab. 88.

4380. Peyssonelia major. (*Kg. Spec. Alg. 693.*) — Port Natal: Gueinzius!

Fig. *a.* Natürliche Grösse — *b.* Senkrechter Schnitt, 300mal vergrössert.

Digitized by Google

Tab. 89.

4381. Peyssonelia replicata. (*Kg. l. c. 694.* — Zonaria rugosa *Suhr.* sec. Sonder.) — Port Natal: Gueinzius!

Fig. *a* Natürliche Grösse. — *b.* Einige Abschnitte von der Rückseite betrachtet und durch die Lupe vergrössert. — *c.* Ein senkrechter Schnitt, 300mal vergrössert.

4382. Peyssonelia umbilicata. (*Kg. nov. sp.*) — P. orbicularis, peltata, superficie glabra obscure fusca, margine leviter et inaequaliter lacinulata, subtus tomentosa, centro affixa. — In mari adriatico.

Fig. *d.* Natürliche Grösse. — *e.* Senkrechter Schnitt, 300mal vergrössert.

Tab. 90.

4383. Peyssonelia imbricata. (*Kg. Spec. Alg. 694.*) — Ad oras terrae novae.

Fig. *a.* Natürliche Grösse. — *b.* Senkrechter Schnitt, 300mal vergrössert.

4384. Peyssonelia neocaledonica. (*Kg. nov. sp.*) P. superficie glabra rosea, subtus tomentosa, ubique adnata, margine irregulariter sinuato-erosa, ambitu subrotunda. — Nova Caledonia: Vieillard!

Fig. *c.* Natürliche Grösse. — *d.* Senkrechter Schnitt, 300mal vergrössert.

Tab. 91.

4385. Hildenbrandtia Dubyi. (Peyssonelia Dubyi *Crouan in herb. Lenormand.* — *Kg. Spec. Alg. 694.*) — Brest: Crouan!

Fig. *a.* Natürliche Grösse. — *b.* Senkrechter Schnitt, 300mal vergrössert.

4386. Hildenbrandtia rosea. (*Kg. Spec. Alg. 694.*) — In portu Cuxhaven ad lapides.

Fig. *c.* Natürliche Grösse. — *d.* Eine kleine Fläche, — *e.* Ein senkrechter Schnitt, — beide 300mal vergrössert.

4387. Hildenbrandtia sanguinea. (*Kg. l. c. 694.*) — In mari adriatico.

Digitized by Google

Fig. *f.* Natürliche Grösse. — *g.* Ein Theil der Oberfläche. — *h.* Senkrechter Schnitt, beide 300mal vergrössert.

Anmerkung. Ein fructificirendes Exemplar habe ich in der Phycologia generalis Tab. 78. Fig. V. abgebildet.

4388. Hildenbrandtia Nardi. (*Zanardini. — Kg. l. c. 695.*) — In mari adriatico.

Fig. *i.* Natürliche Grösse. — *k.* Ein Theil der Oberfläche, — *l.* Senkrechter Schnitt, beide 300mal vergrössert.

Tab. 92.

4389. Hapalidium roseolum. (*Kg. Spec. Alg. 695.*) — In Bryopside Balbisiana prope Tergestum.

Fig. *a.* Natürliche Grösse. — *b.* 300mal vergrössert.

4390. Hapalidium Phyllactidium. (*Kg. l. c.*) — Ad Chaetomorphas in mari adriatico.

Fig. *c.* Natürliche Grösse. — *d. e. f.* Verschiedene Exemplare, 300mal vergrössert.

Tab. 93.

4391. Pneophyllum fragile. (*Kg. l. c.*) — In Rhynchococco coronopifolio parasiticum.

Fig. *a.* Natürliche Grösse. — *b.* 100mal vergrössert. — *c. d.* Fragmente, 300mal vergrössert, nachdem die Kalkkruste durch Salzsäure entfernt worden.

4392. Melobesia membranacea. (*Lamour — Kg. Spec. Alg. 696.*) — In folio Sargassi parasitica ad Tergestum.

Fig. *e.* Natürliche Grösse. — *f.* Ein Theil der Fläche mit Kapselfrüchten, 100mal vergrössert.

Anmerkung In meiner Phycologia generalis habe ich Tab. 78. Fig. I. eine Analyse der Kapselfrucht gegeben, welche diese Abbildung ergänzt.

Tab. 94.

4393. Melobesia pustulata. (*Lamour — Kg. l. c.*) — In Acanthotylo Heredia parasitica.

Fig. *a.* Natürliche Grösse. — *b.* Ein Theil der Fläche mit zwei Kapselfrüchten, 100mal vergrössert.

Digitized by Google

4394. Melobesia corticiformis. (*Kg. Spec. Alg. 696.*) — Ad Gelidium capillaceum in mari mediterraneo parasitica.

Fig. *c.* Natürliche Grösse. — *d.* Ein Theil der Oberfläche mit Kapselfrüchten, 100mal vergrössert.

Tab. 95.

4395. Melobesia granulata. (*Meneghini. — Kg. Spec. Alg. 696.*) — In Udotea ex mari mediterraneo parasitica.

Fig. *a.* Natürliche Grösse. — *b.* Ein Theil mit Kapselfrüchten, 100mal vergrössert.

4396. Melobesia farinosa. (*Lamour — Kg. l. c.*) — In Zostera parasitica.

Fig. *c.* Natürliche Grösse. — *d.* 100mal vergrössert.

Tab. 96.

4397. Melobesia verrucata. (*Lamour — Kg. l. c.*) — In mari mediterraneo ad Algas majores.

Fig. *a.* Natürliche Grösse. — *b.* Senkrechter Schnitt, mittelst Salzsäure vom Kalk befreit, 100mal vergrössert. — *c.* Kugelige Crystallanhäufungen von kohlensaurem Kalk, welche die Zellen des ganzen Gewebes anfüllen, 100mal vergrössert. — *d.* Dieselben Crystallsternchen, 300mal vergrössert.

4398. Melobesia antarctica. (Melobesia verrucata *β.* antarctica *Kg. Spec. Alg. 696.*) — Ad Balliam Callitricham in mari australi.

Fig. *e.* Natürliche Grösse. — *f.* Senkrechter Schnitt, mit Salzsäure behandelt und 300mal vergrössert.

Tab. 97.

4399. Spongites confluens. (*Kg. Phycol. gener. Tab. 78. Fig. 2. — ej. Spec. Alg. 698.*) — In mari adriatico.

Fig. *a.* Natürliche Grösse. — *b.* Senkrechter Schnitt, durch die Lupe betrachtet. — *c.* Senkrechter Schnitt mit der Kalkkruste, 100mal vergrössert. — *d.* Oberste Zellenlage mit der Kalkkruste, 100mal vergrössert.

4400. Spongites crustacea. (*Kg. Spec. Alg. 698.*) — Helgoland ad saxa.

Digitized by Google

Fig. *e.* Natürliche Grösse. — *f.* Senkrechter Schnitt, mit Salzsäure behandelt, 100mal vergrössert. — *g.* Senkrechter Schnitt mit der Kalkkruste, 100mal vergrössert.

Tab. 98.

4401. Spongites stalactitica. (*Kg. l. c. 699.*) — In mari mediterraneo.

Fig. *a.* Natürliche Grösse. — *b.* Senkrechter Schnitt, mit Salzsäure behandelt, 300mal vergrössert.

4402. Spongites nodosa. (*Kg. l. c. 699.*) — In mari mediterraneo.

Fig. *c.* Natürliche Grösse. — *d* Senkrechter Schnitt, mit Salzsäure behandelt, 300mal vergrössert.

Tab. 99.

4403. Spongites crassa. (Lithothamnium crassum *Philippi in Wiegm. Archiv 1837.*) — S. cinereo-amethystea, tuberoso-ramosa, ramis brevibus crassis apicem versus valde dilatatis lobulatis. — In mari mediterraneo. Specimen dedit Philippi!

Fig. *a.* Natürliche Grösse eines vollständigen Exemplars. — *b.* Seitenansicht abgeschlagener Zweige.

Anmerkung. In meinen Species Algarum p 699. habe ich irriger Weise diese Art zu meiner Spongites racemosa (Phycol. gener. Tab. 78. Fig. III.) gezogen, von der sie jedoch verschieden ist.

4404. Spongites ramulosa. (*Philippi in litt.*) S. cinerea vel dilute purpureo-amethystea, tuberosa, superficie muricato-ramulosa, ramulis in apicem attenuatis. — In mari mediterraneo: Philippi!

Fig. *c.* Natürliche Grösse.

4405. Spongites fruticulosa. (*Kg. Spec. Alg. 699.*) — In mari mediterraneo.

Fig. *d.* Natürliche Grösse.

4406. Spongites byssoides. (Lithothamnion byssoides *Philippi in litt.)* S. cespitôse globosa, e ramis numerosissimis cylindricis calcareis, maxime ramosis, dichotomisve, densissime intricatis et anastomosantibus composita. — In mari mediterraneo: Philippi!

Fig. *e.* Ein abgeschlagenes Bruchstück in natürlicher Grösse.

Digitized by Google

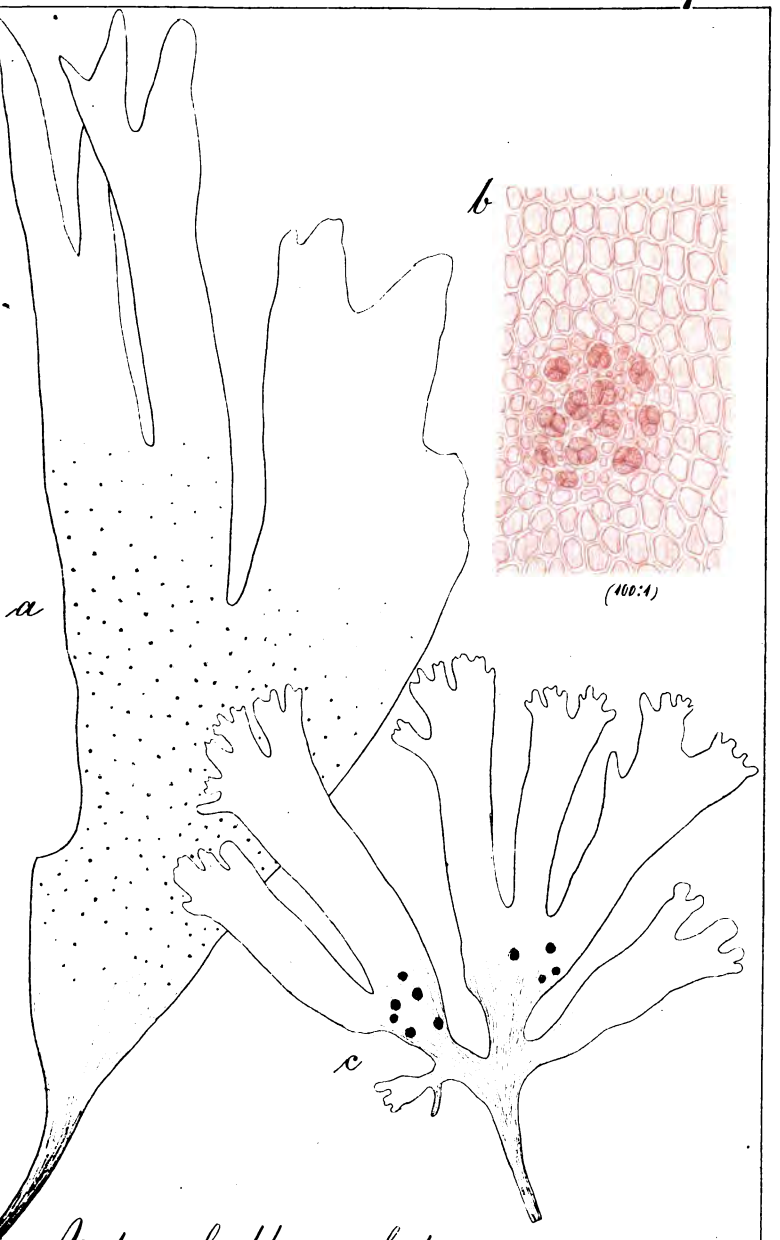
Tab. 100.

4407. Syringodium filiforme. (*Kg. nov. sp.*) S. phycomate filiformi subtereti, simplici e stratis tribus composito, exteriori: cellulis corticalibus minutis oblongis verticalibus farctis; subcorticali: cellulis majoribus inanibus arcte lateraliter conjunctis; medullari: laxe loculoso, loculis aeriferis (?), dissepimentis compressis e cellularum strato unico formatis. Crassities pennae columbinae. Color nigro-fuscus. (Ad Chordeas?) — Ad oras insulae St. Thomae, ind. occid.

Fig. *a*. Natürliche Grösse. — *b*. Querschnitt, 100mal vergrössert.

Druck von Fr. Eberhardt in Nordhausen.

Digitized by Google



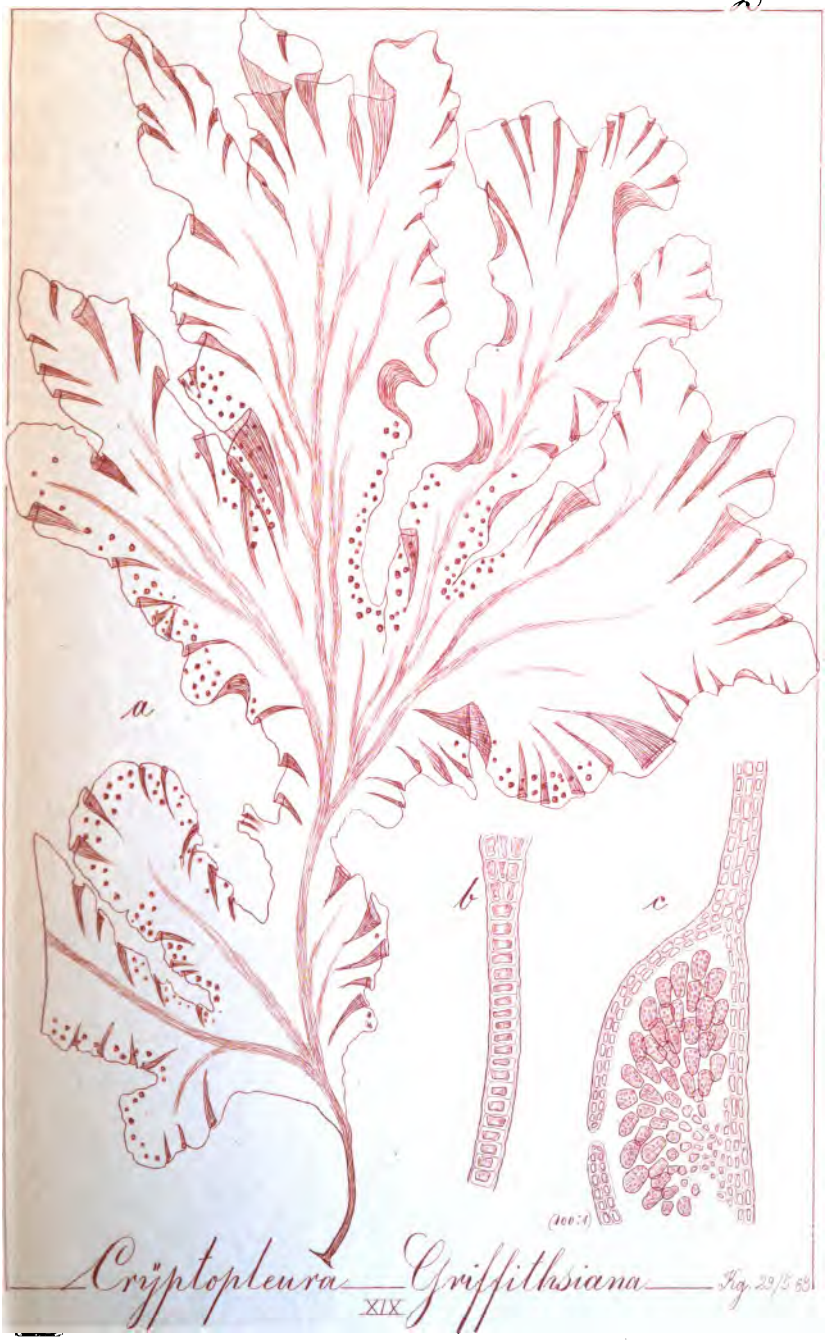
Aglaophyllum chilense

XIX.

Hg 28/5 1868

Digitized by Google

Digitized by Google



Cryptopleura Griffithsiana Fig. 29/5 68

XIX

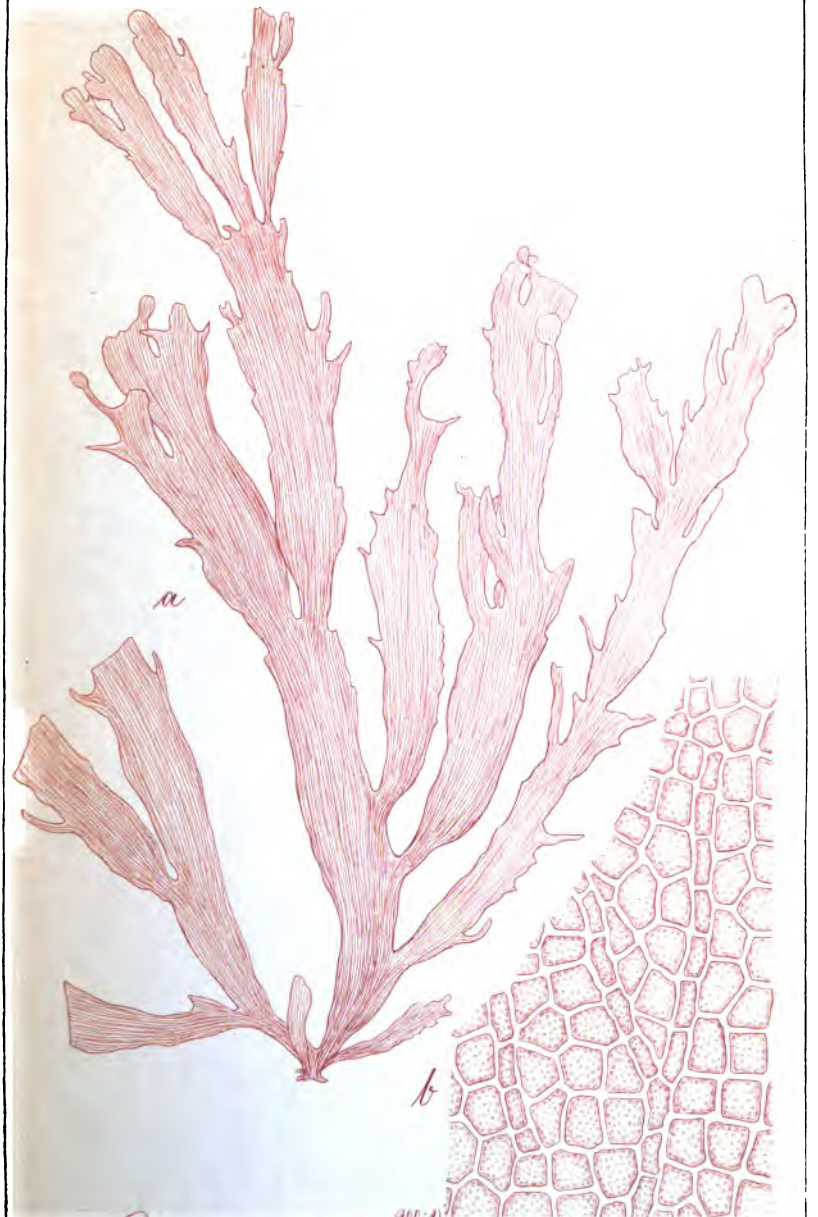
Digitized by Google

Digitized by Google

Cryptopleura Curdieana Kg 30/5 1868

Digitized by Google

Digitized by Google



Cryptopleura palmata Kg 30/5 1868

XIX

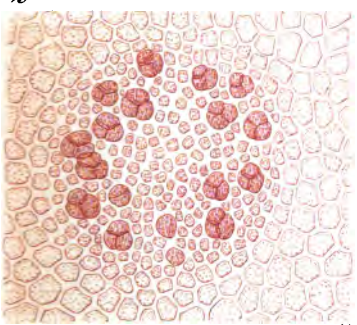
Digitized by Google

Digitized by Google

Aglaophyllum

a

b



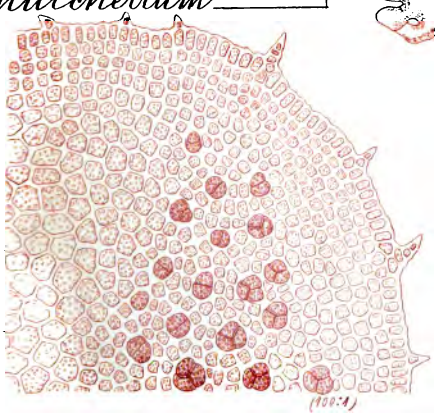
(100:1)

c

pulchellum

d

e



(100:1)

marginale

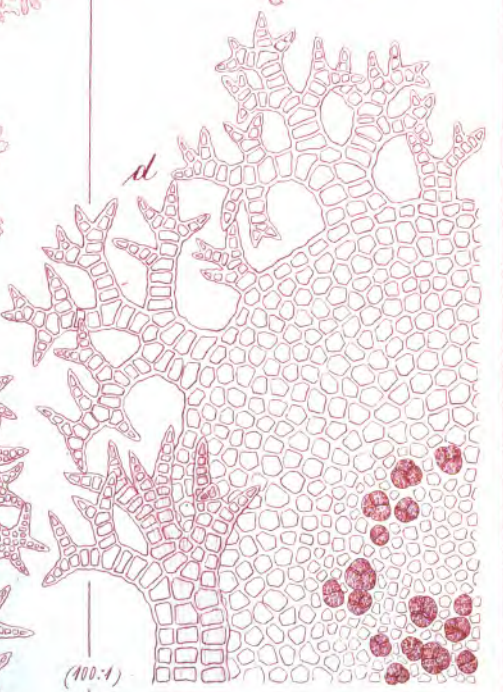
XIX

Hg 31/5 1868

Digitized by Google

Digitized by Google

Aglaophyllum



(100:1)

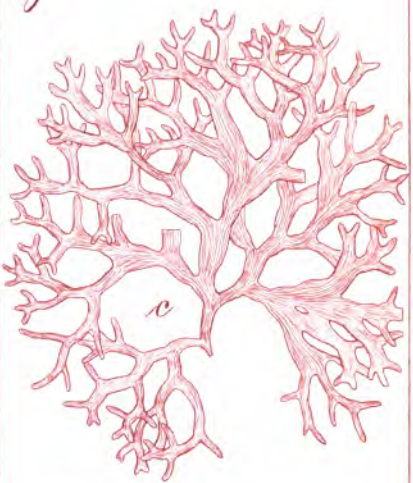
pristoideum — erosum

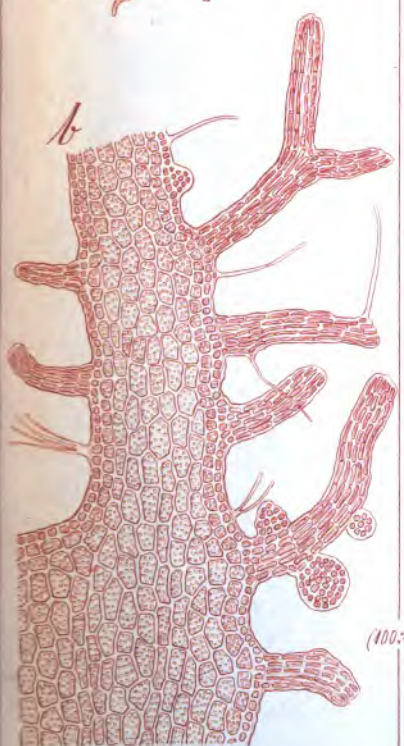
Fig. 1/61868

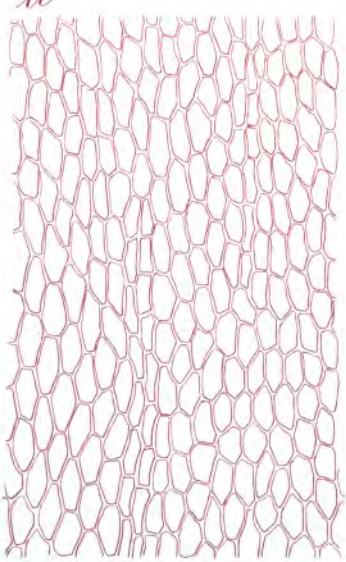
Digitized by Google

Digitized by Google

Aglaophyllum





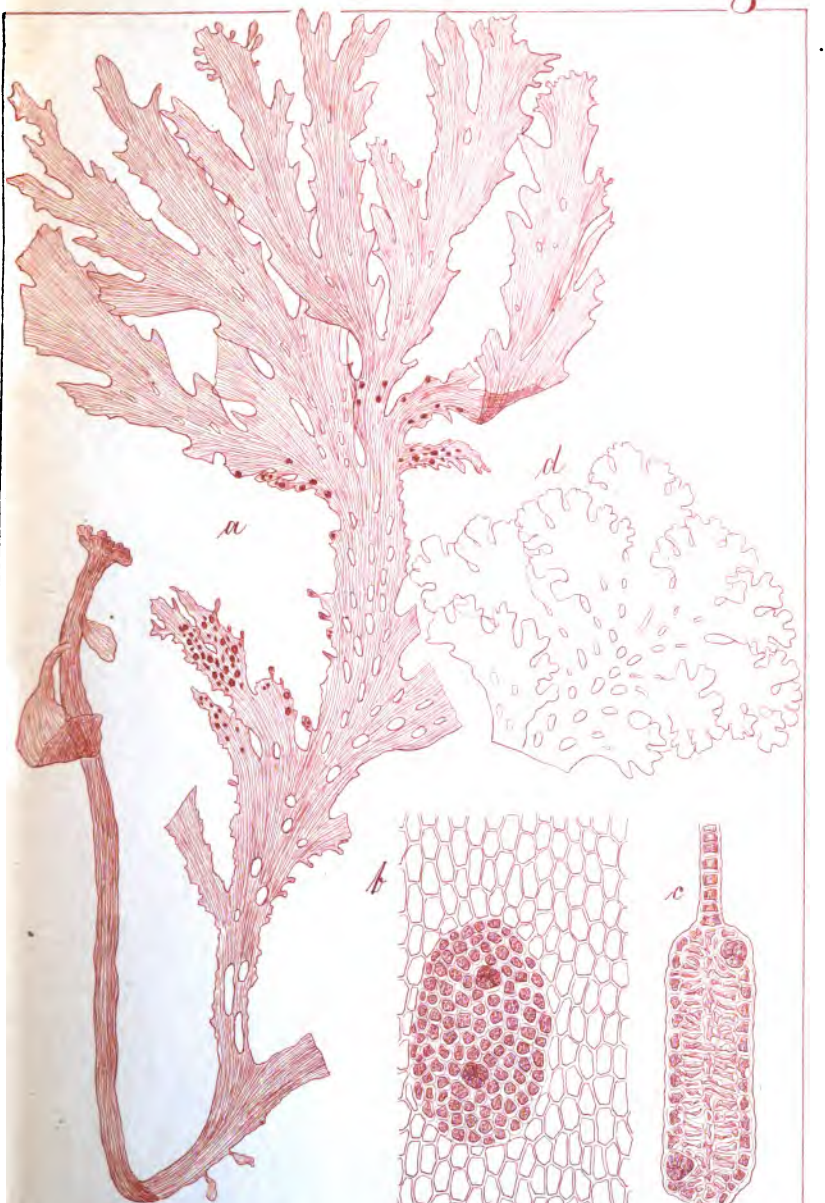


ciliolatum

multipartitum 2/6 1868

Digitized by Google

Digitized by Google



Aglaophyllum affine

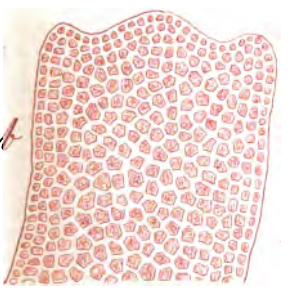
XIX

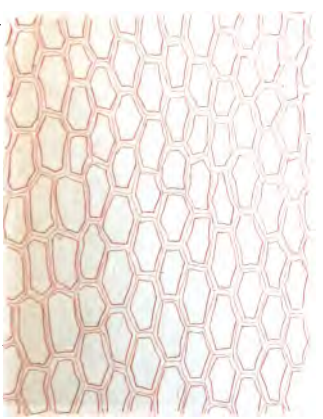
Fig. 3/c 1868

Digitized by Google

Digitized by Google

Aglaophyllum





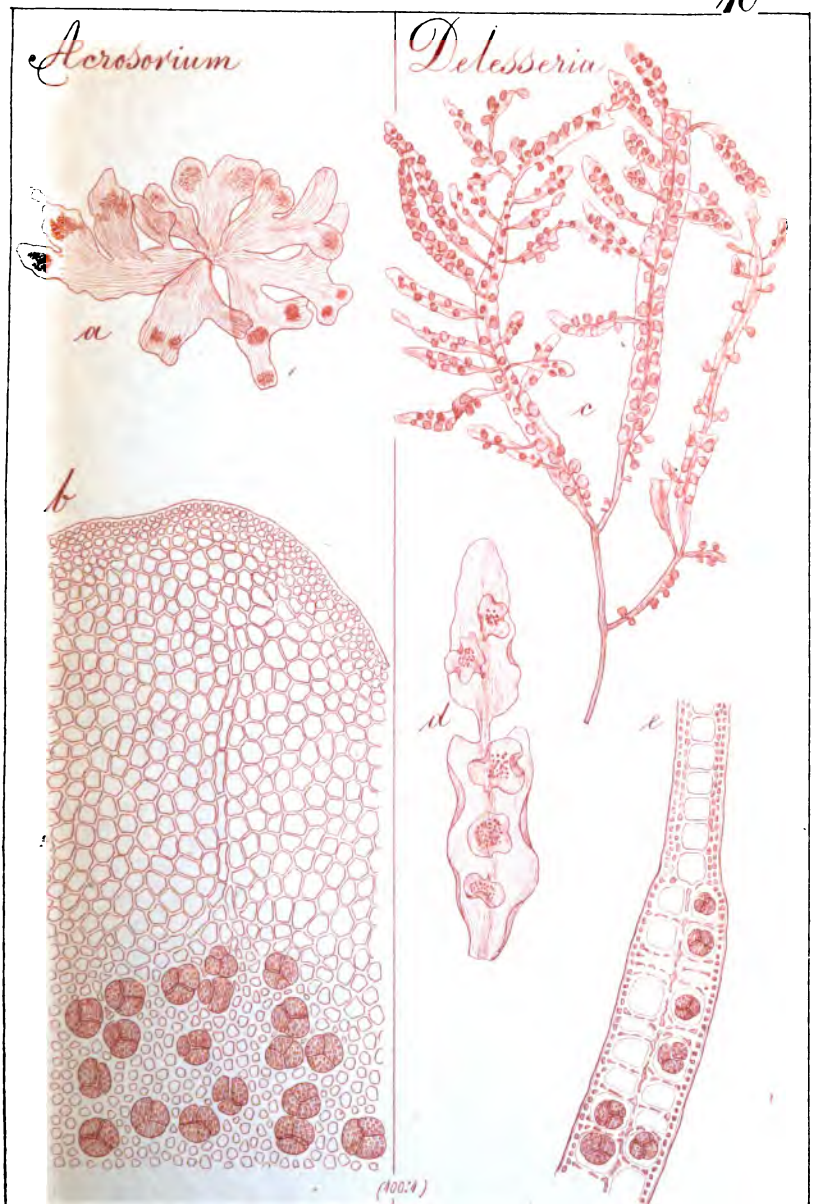
(100:1)

Nitophyllum

Flabellulatum — Monanthos — Fig 4/6 1868

Digitized by Google

Digitized by Google



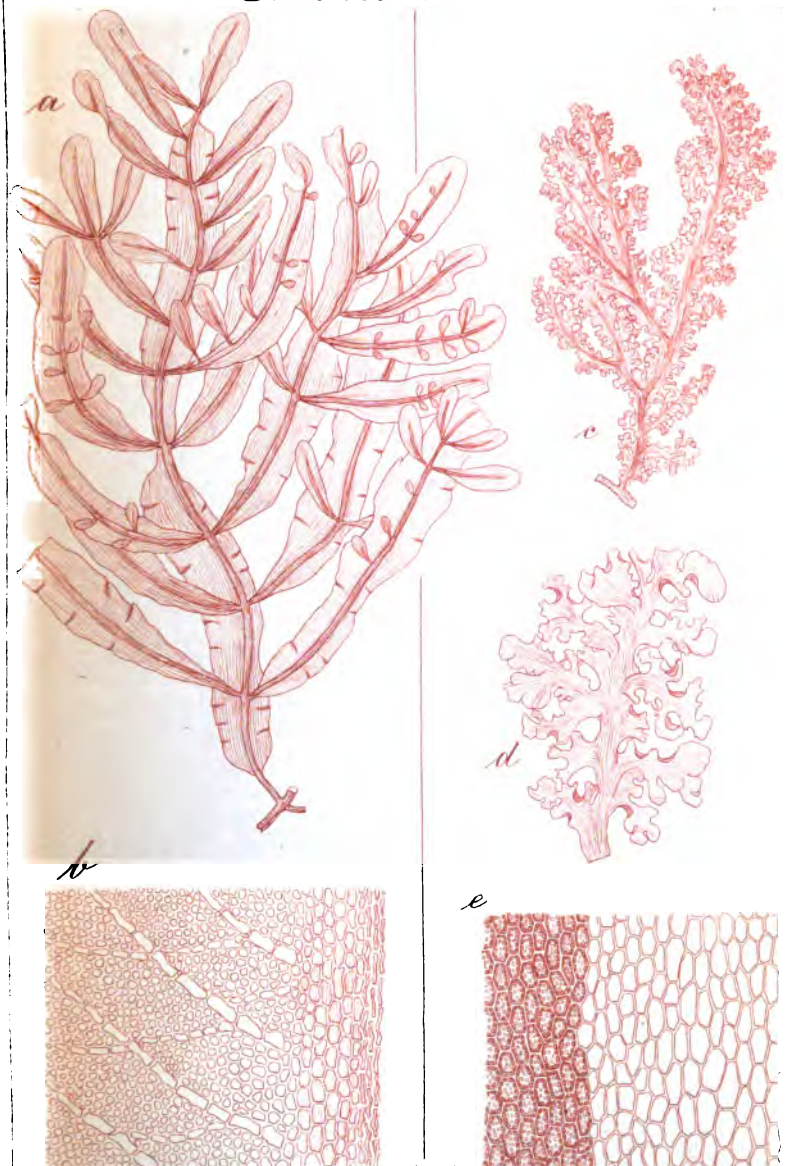
aglaophylloides — rigida — Kg 6/6 68

XIX

Digitized by Google

Digitized by Google

Delesseria



(100:1)

tasmanica — endiviaefolia — Kg 1/61865

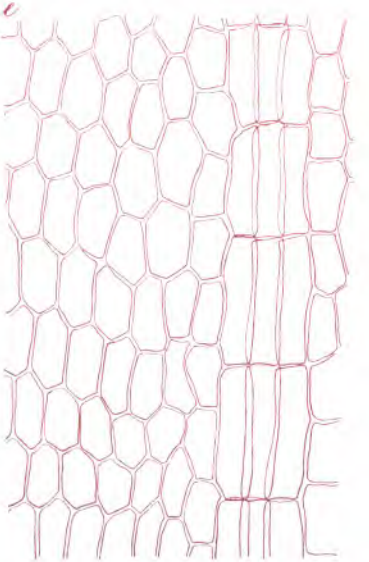
Digitized by Google

Digitized by Google

Delesseria

(Nat.)

serrulata



(100:1)

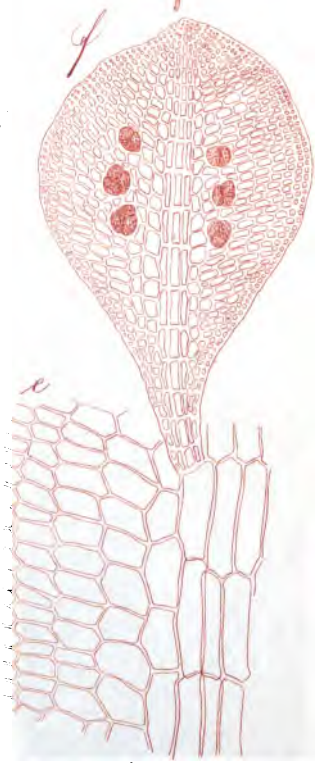
spathulata

Kg 9/6868

Digitized by Google

Digitized by Google

Delesseria



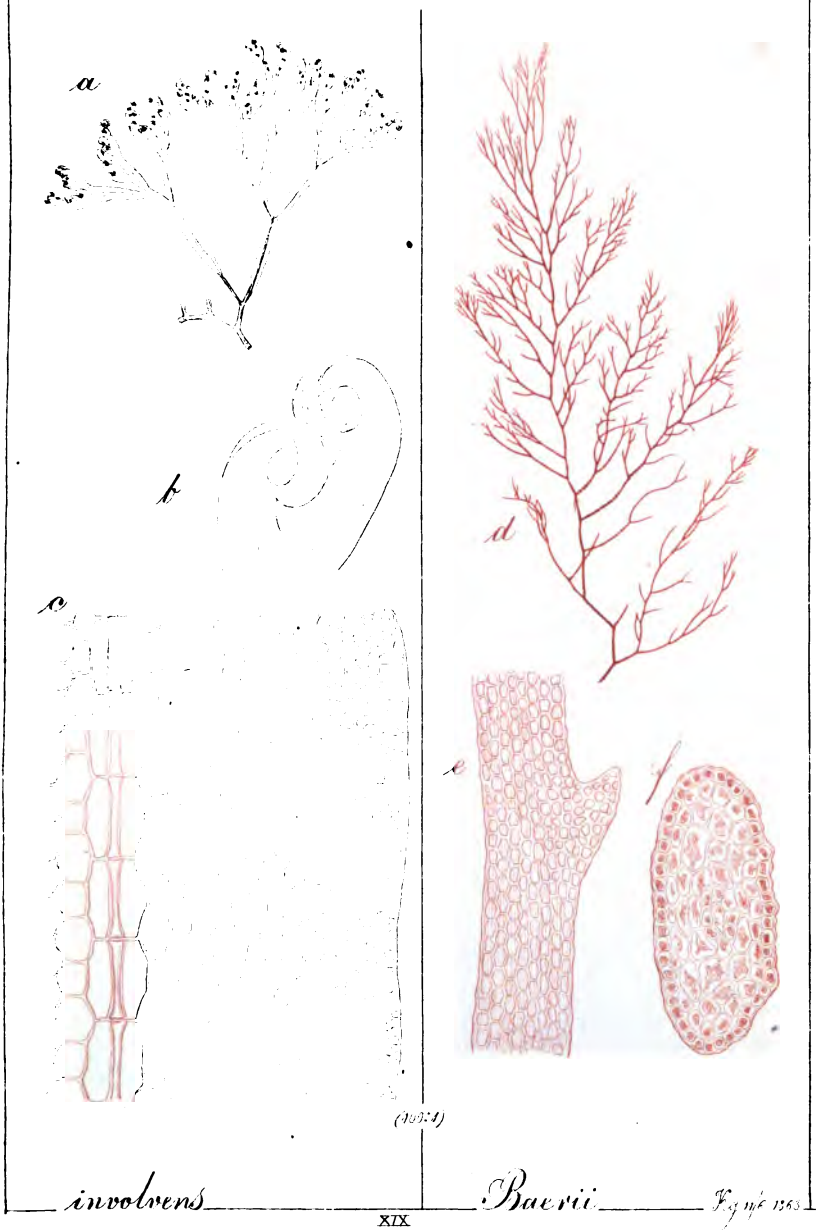
(100:1)

hippoglossoides — tenuifolia — Ky 11/6 1863

Digitized by Google

Digitized by Google

Delesseria



(109:1)

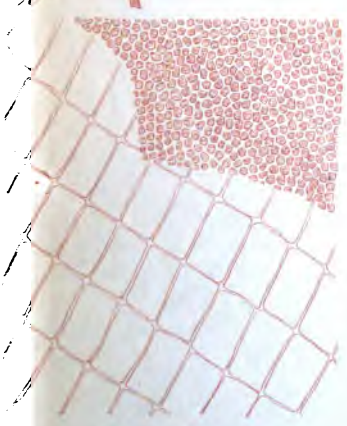
involvens — Baerii — Fig. nº 1363

Digitized by Google

Digitized by Google

Lenormandia

Kützingia

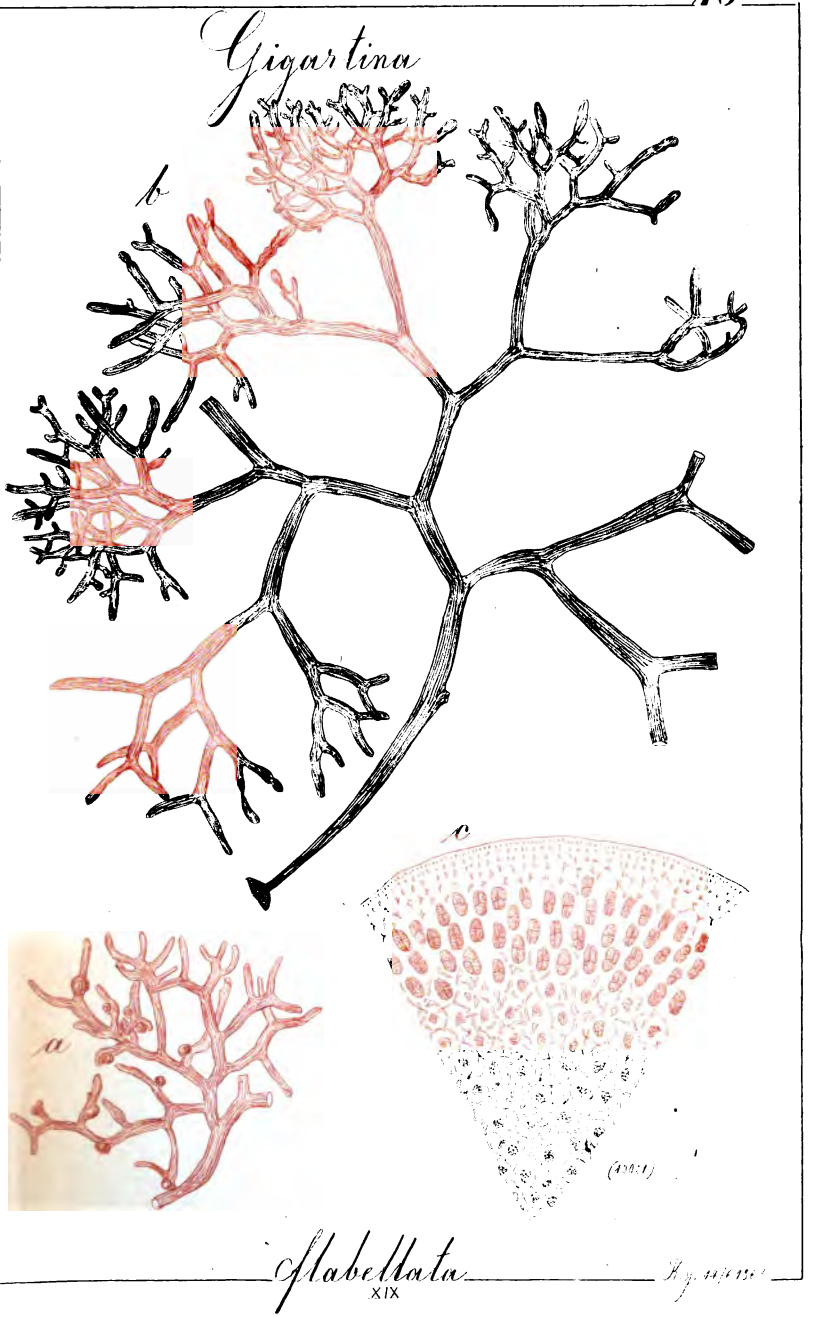


Mülleri

natalensis

Digitized by Google

Digitized by Google



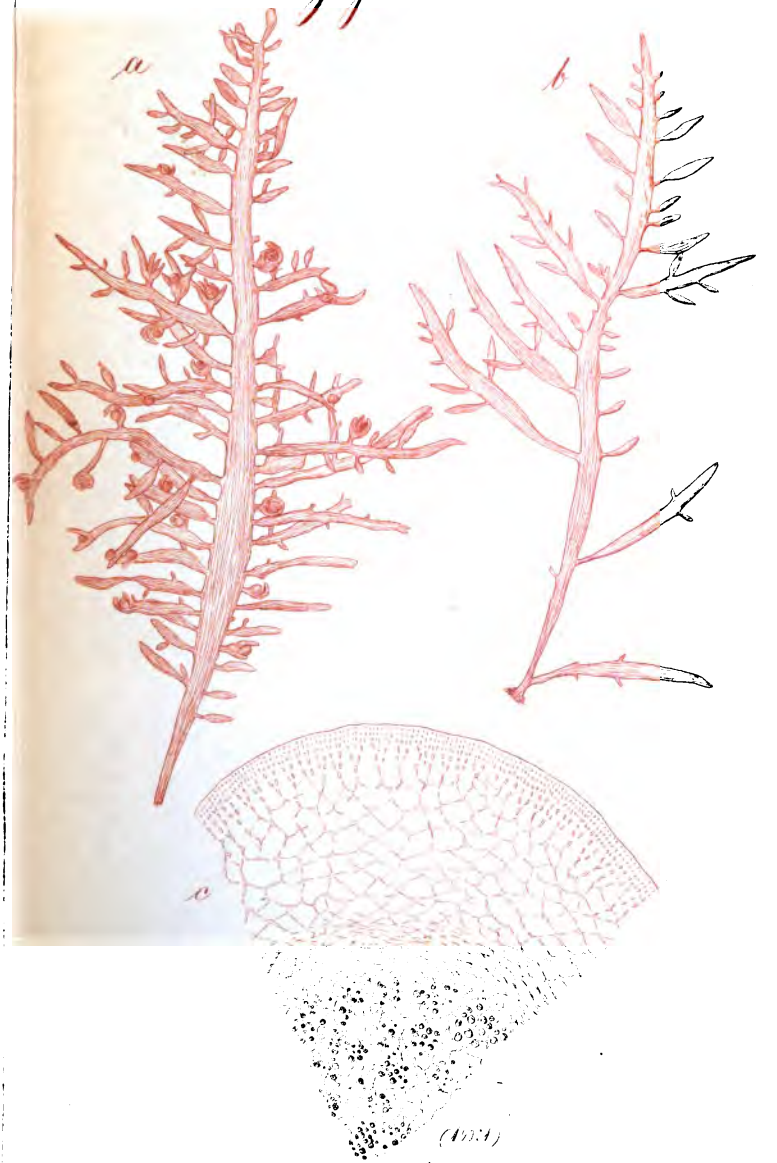
Flabellata

XIX

Digitized by Google

Digitized by Google

Gigartina



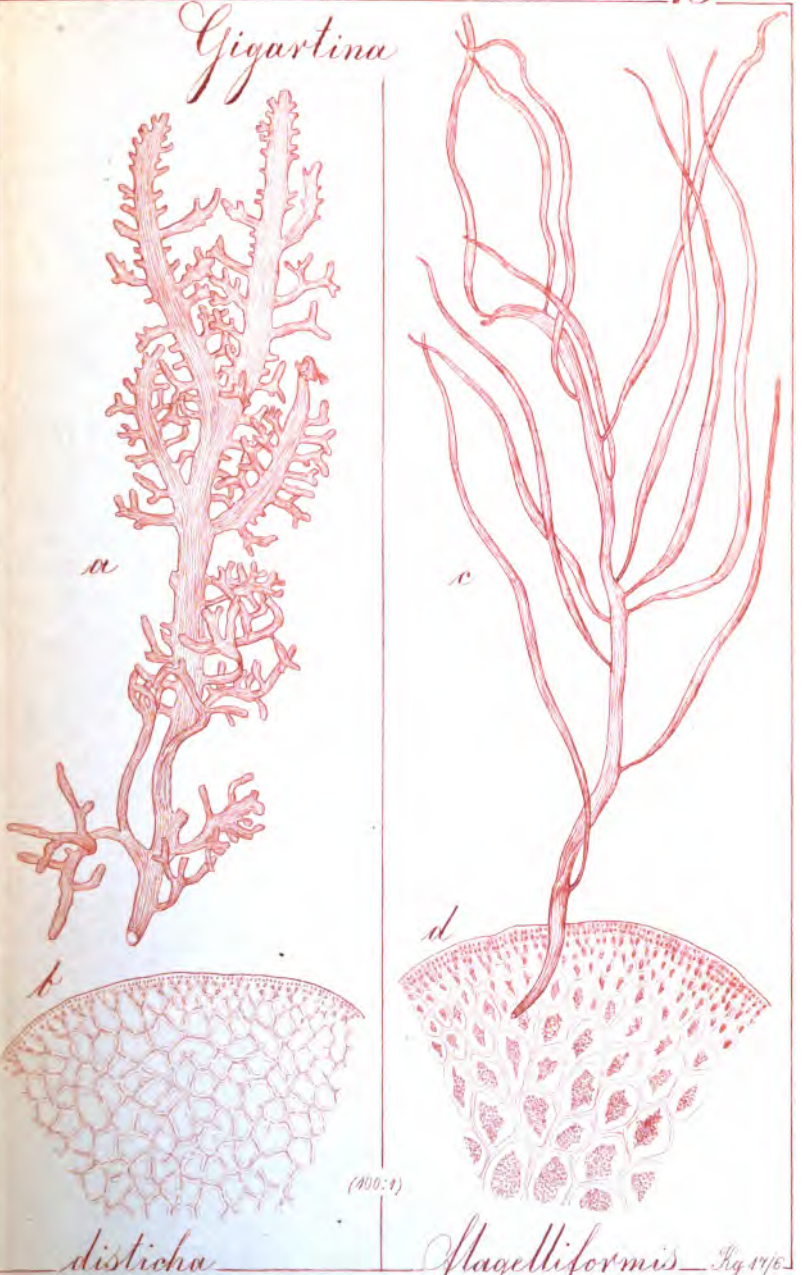
pinnata

XIX

Digitized by Google

Digitized by Google

Gigartina

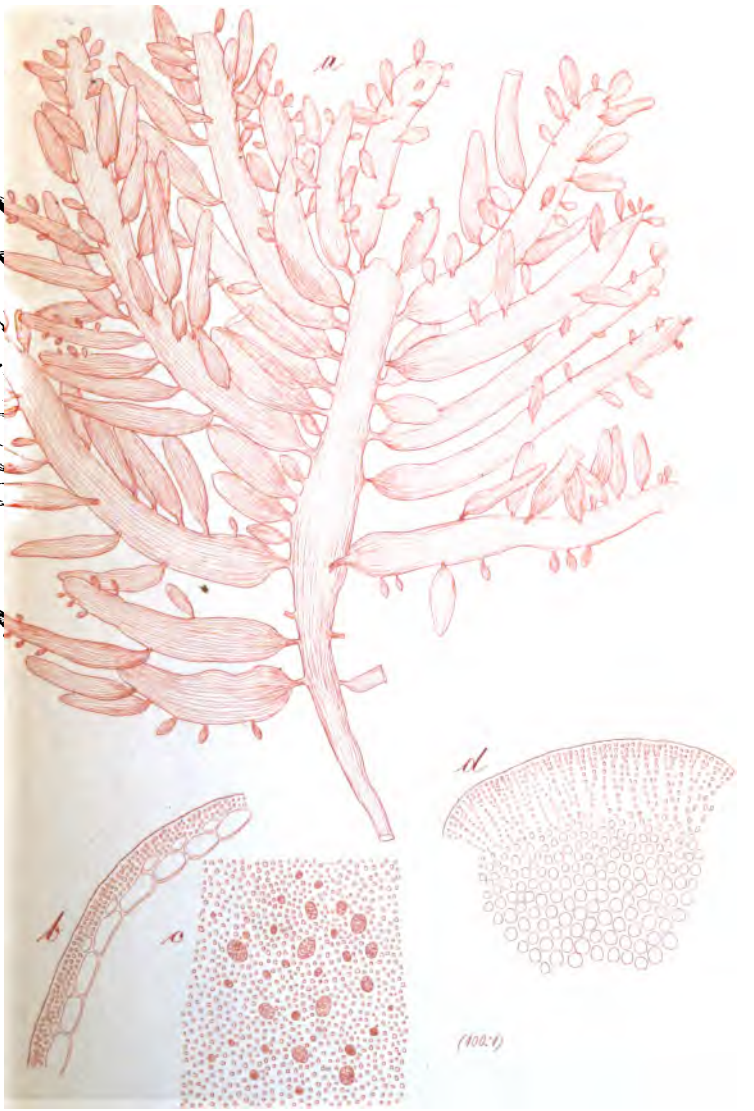


disticha — *flagelliformis* Fig 17/6

Digitized by Google

Digitized by Google

Chondrosiphon



splachnoides

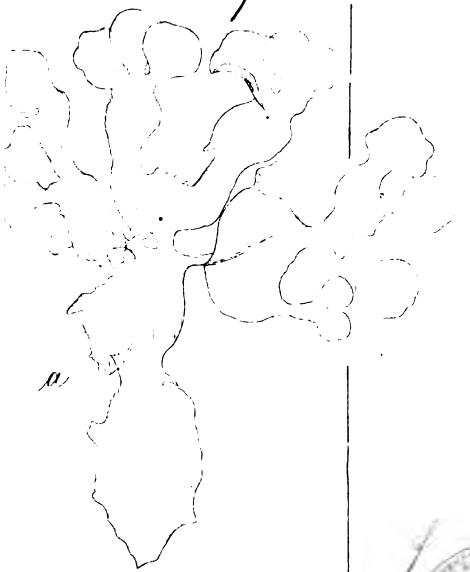
XIX

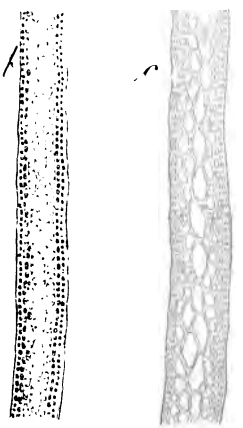
Fig. 13/c 1819

Digitized by Google

Digitized by Google

Sphaerococcus

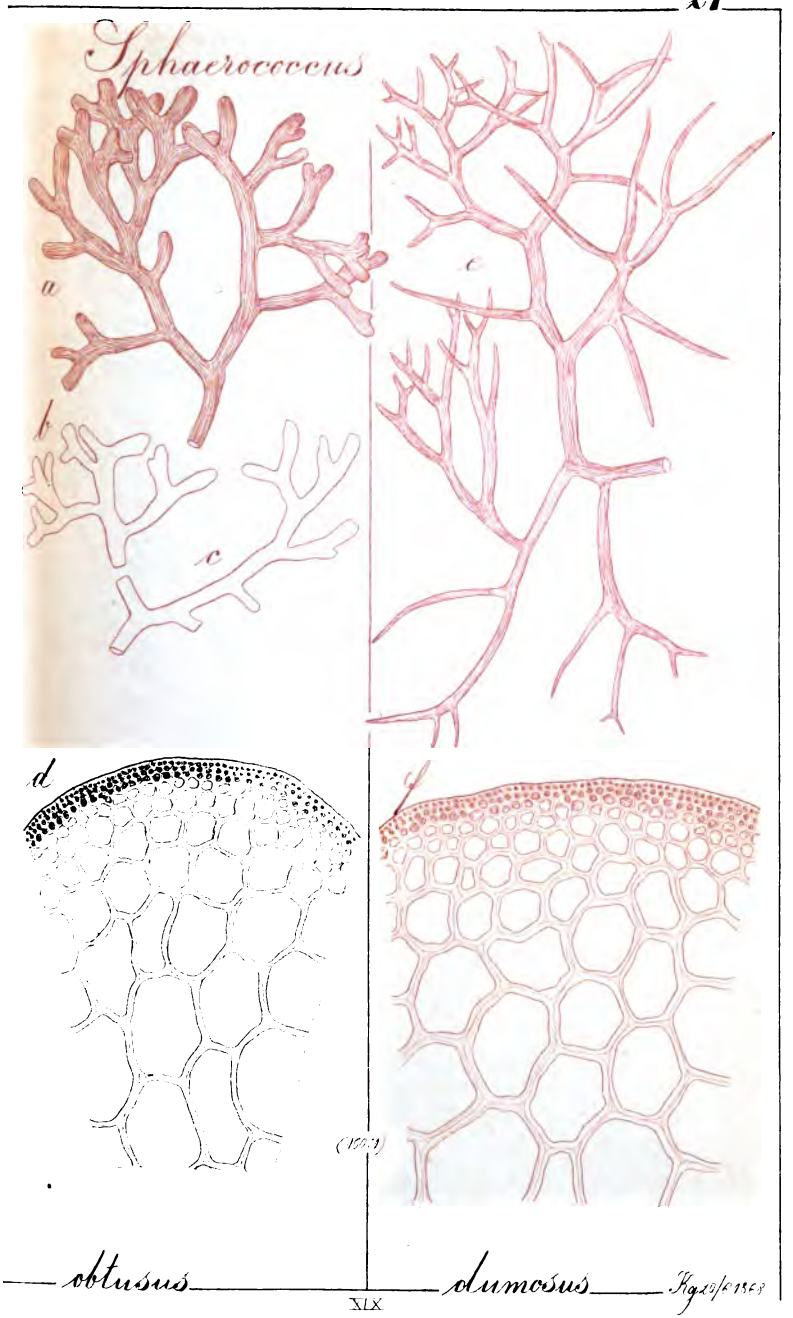




interruptus Gelidium typus

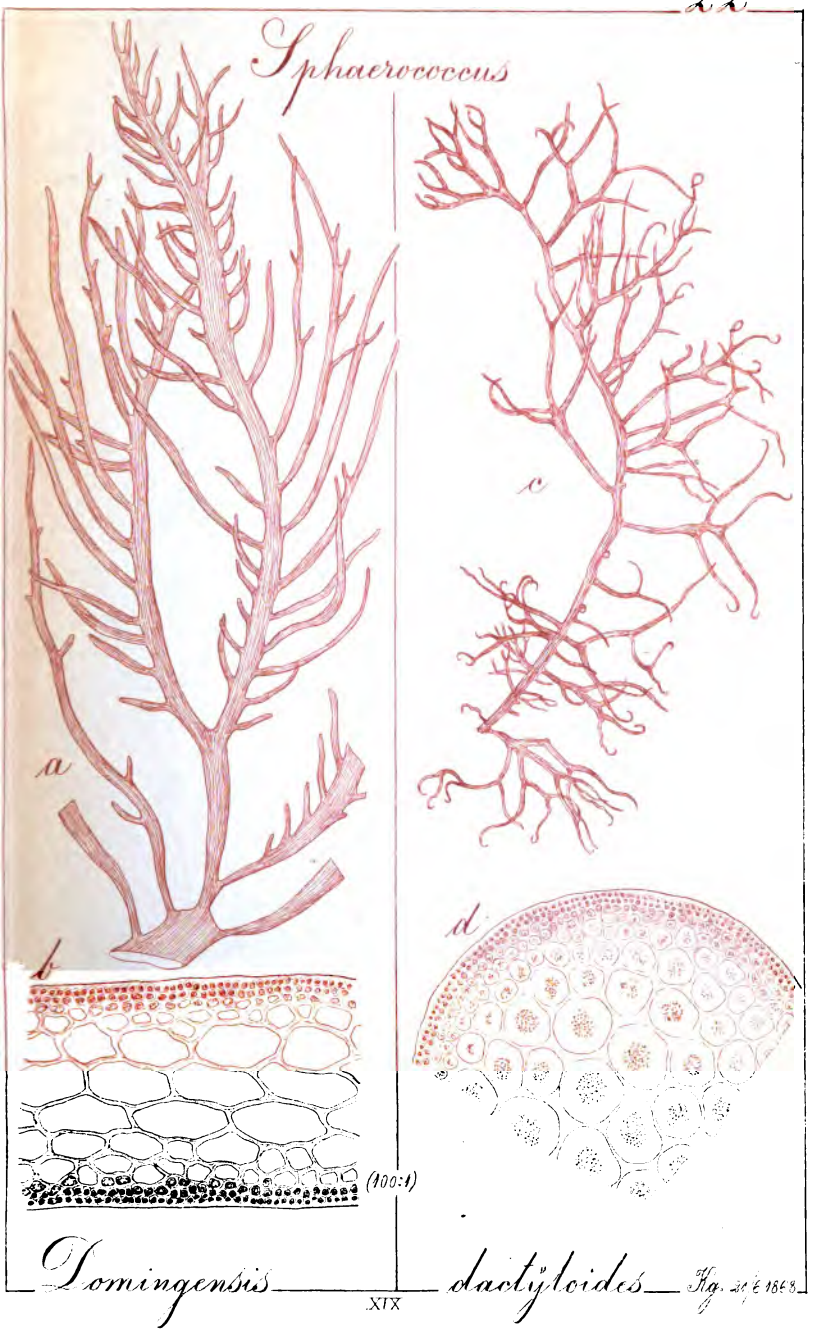
Digitized by Google

Digitized by Google



Digitized by Google

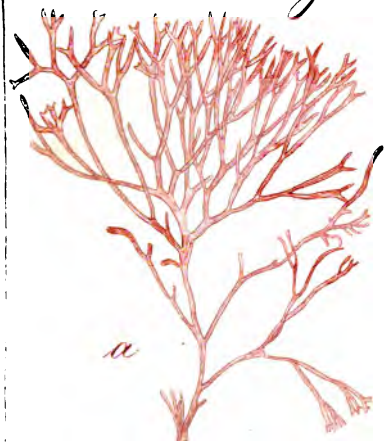
Digitized by Google

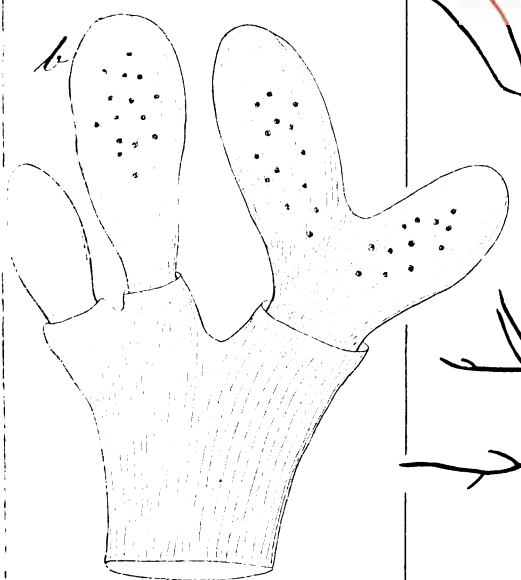


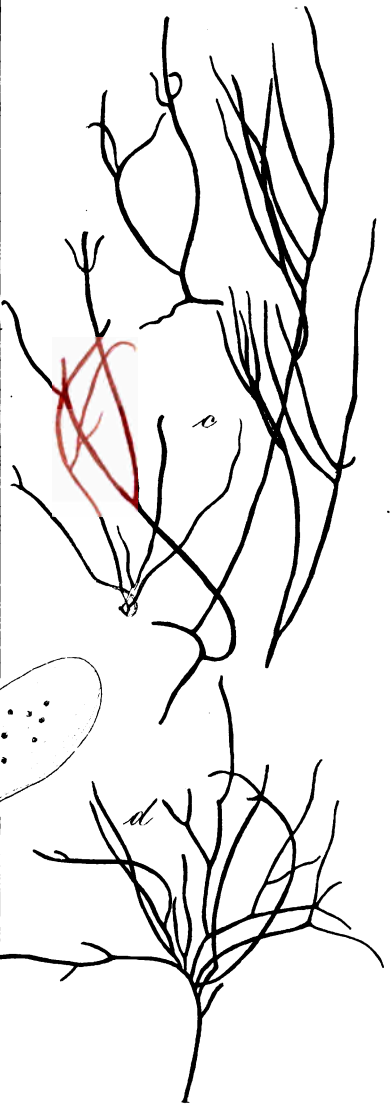
Digitized by Google

Digitized by Google

Gelidium







acrocarpum — variabile

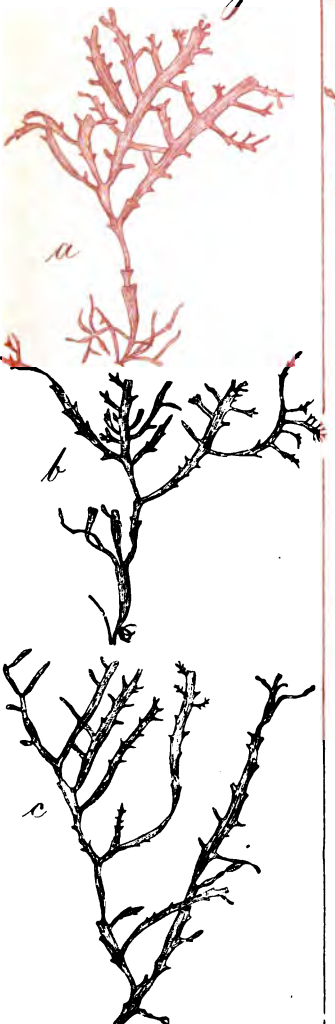
Kg 22/6 1868

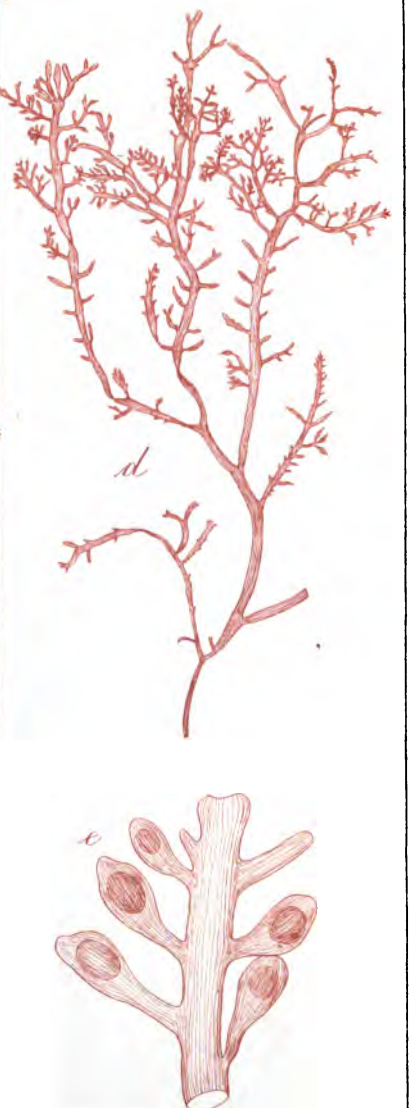
XIX

Digitized by Google

Digitized by Google

Gelidium



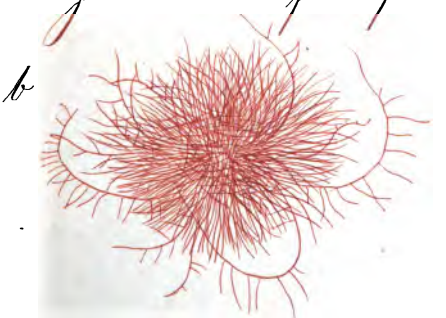


tripinnatum — polycladum — Kg 23/6 1861

Digitized by Google

Digitized by Google

Gelidium proliferum



Gelidium secundatum

XIX

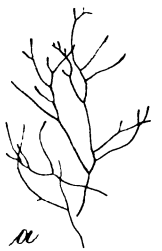
Fig 24/6 1868

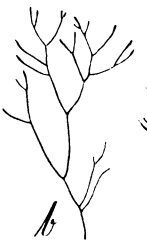
Digitized by Google

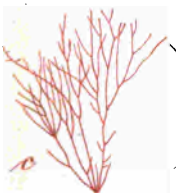
Digitized by Google

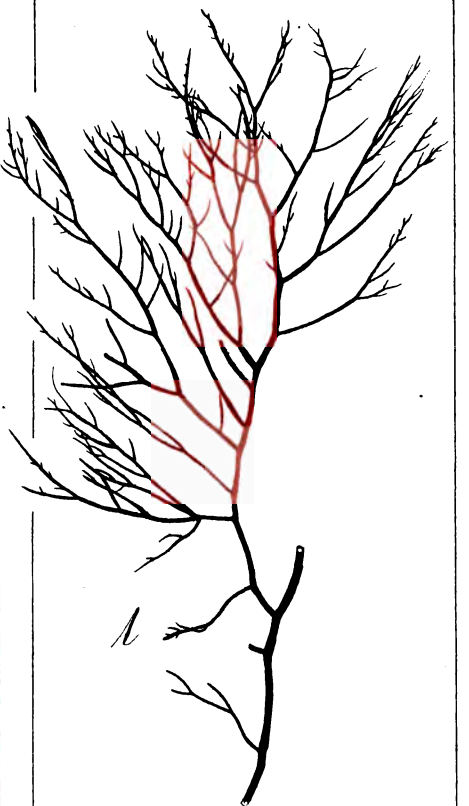
Wurdemannia

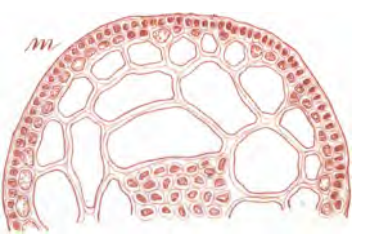
Acanthococcus











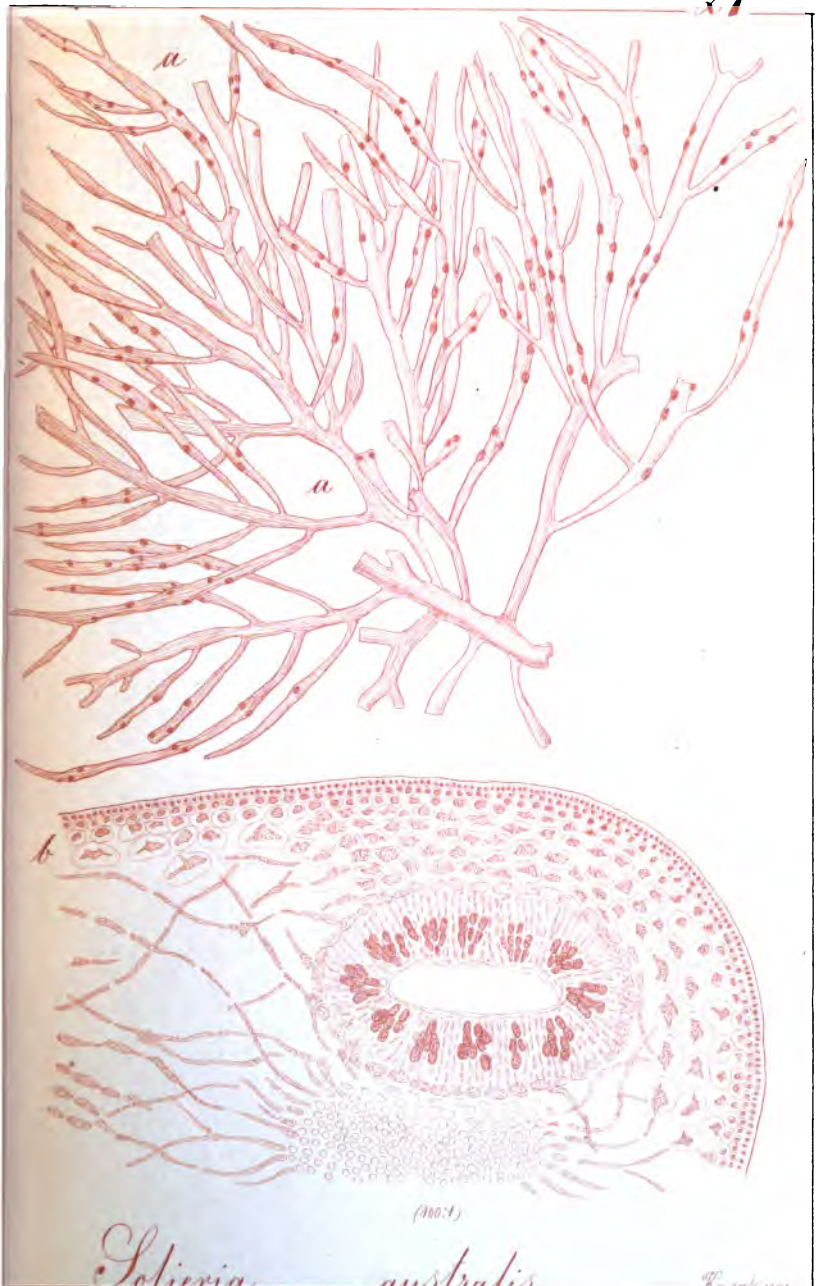
setacea

subulatus

Fig. 27/c 1868

Digitized by Google

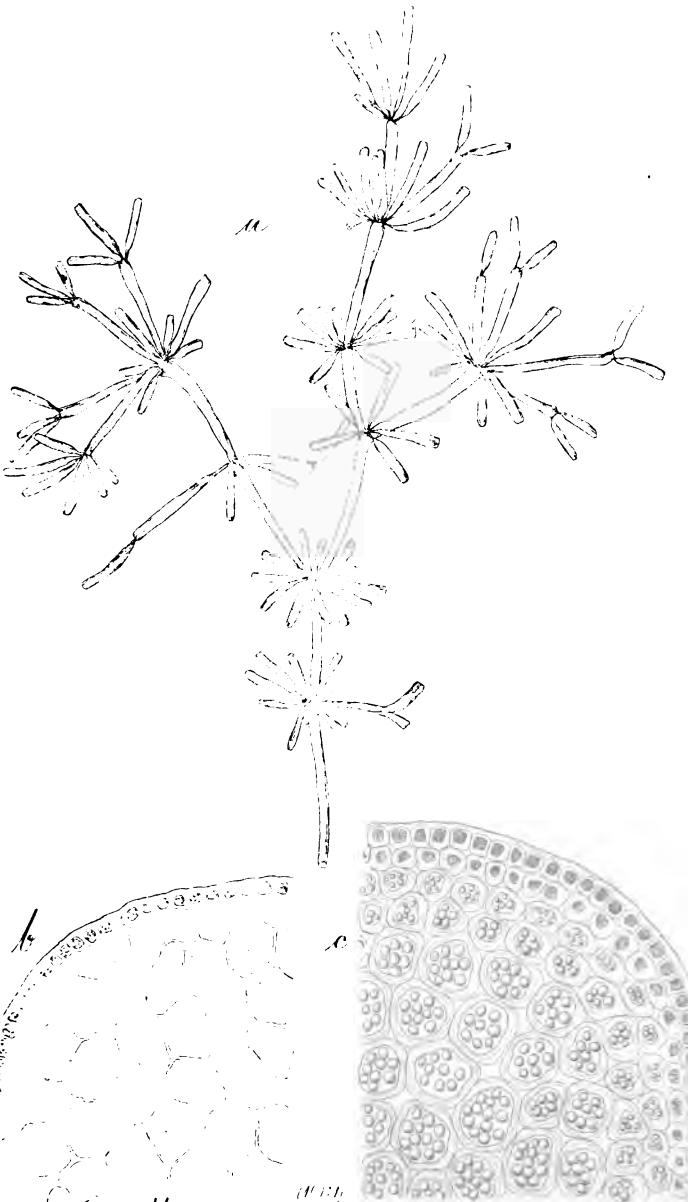
Digitized by Google



Solieria australis

Digitized by Google

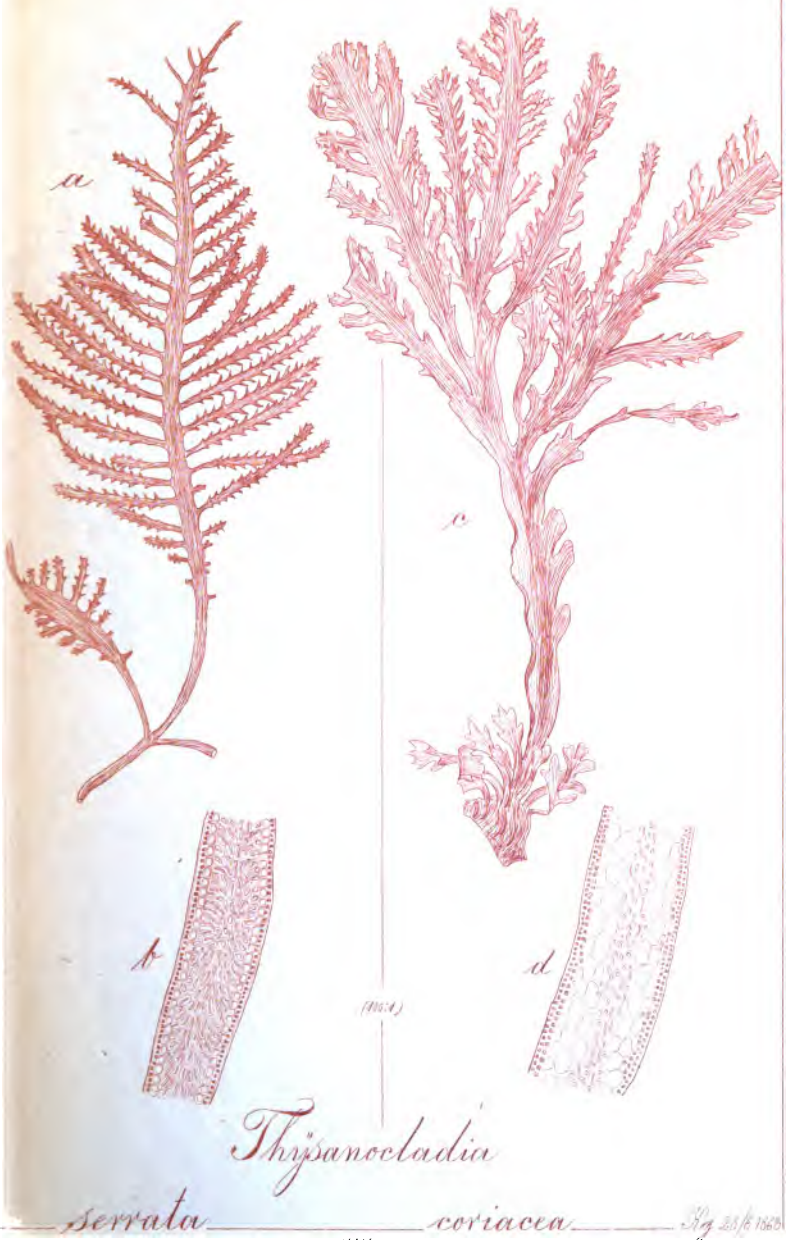
Digitized by Google



Corallopsis australasica

Digitized by Google

Digitized by Google



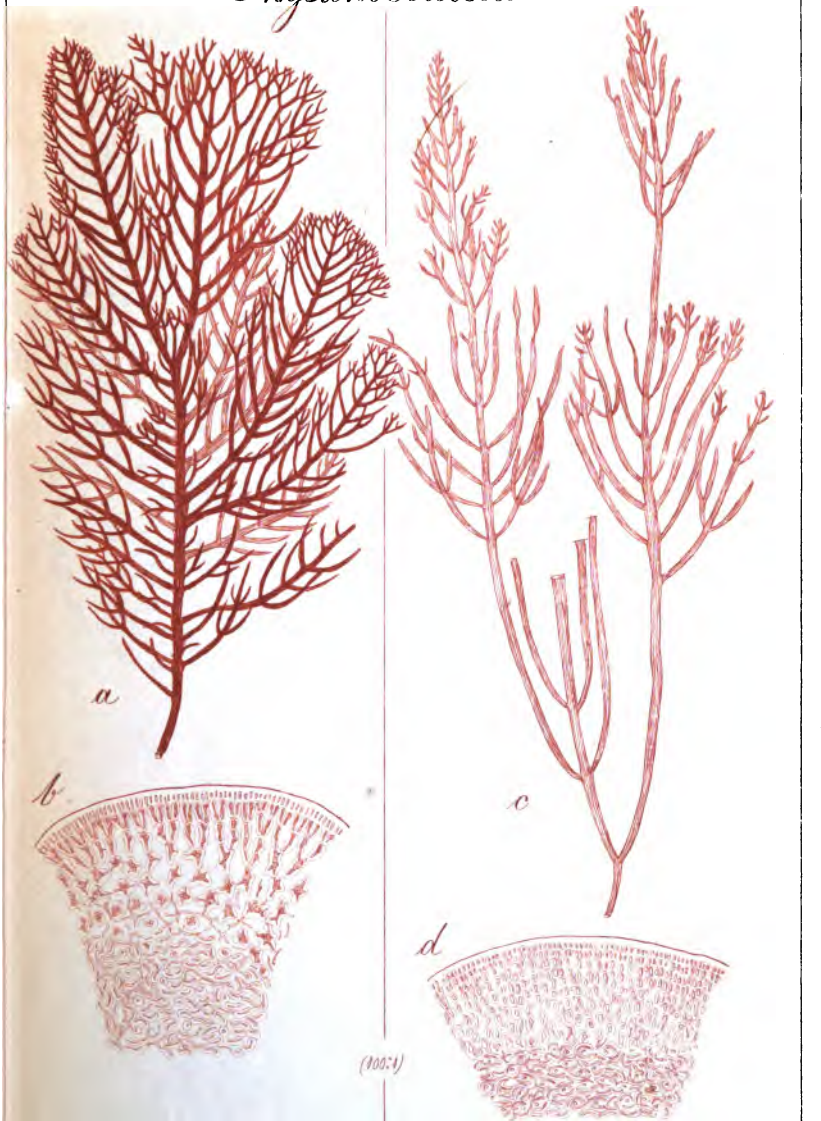
Thÿsanocladia

serrata coriacea

Digitized by Google

Digitized by Google

Thysanocladia



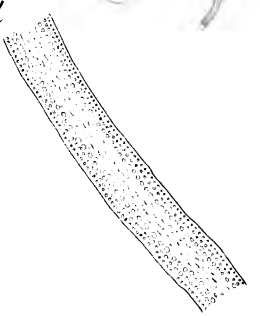
oppositifolia — *laxa* — Fig 1/1863

XIX

Digitized by Google

Digitized by Google

Cryptonemia



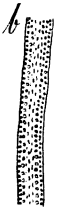
crenulata — undulata

Fig 2/1568

Digitized by Google

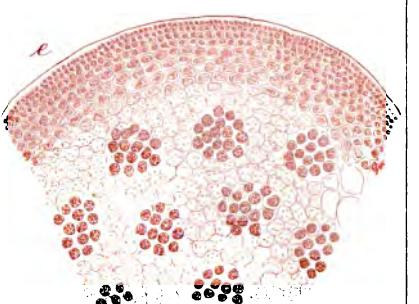
Digitized by Google

Cryptonemia luxurians



(100:1)

Rhodocladia Lamberti

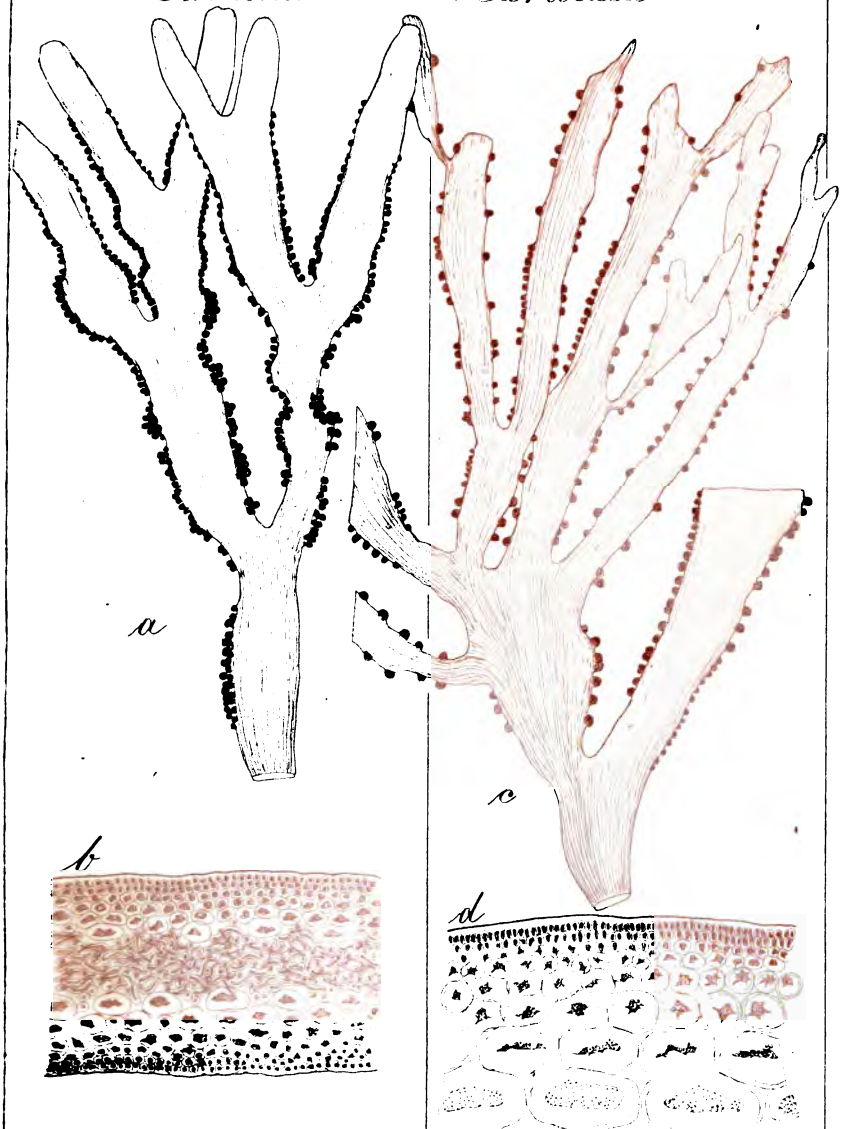


Kyg. 3/1 1868.

Digitized by Google

Digitized by Google

Sarcodia Curdiaea



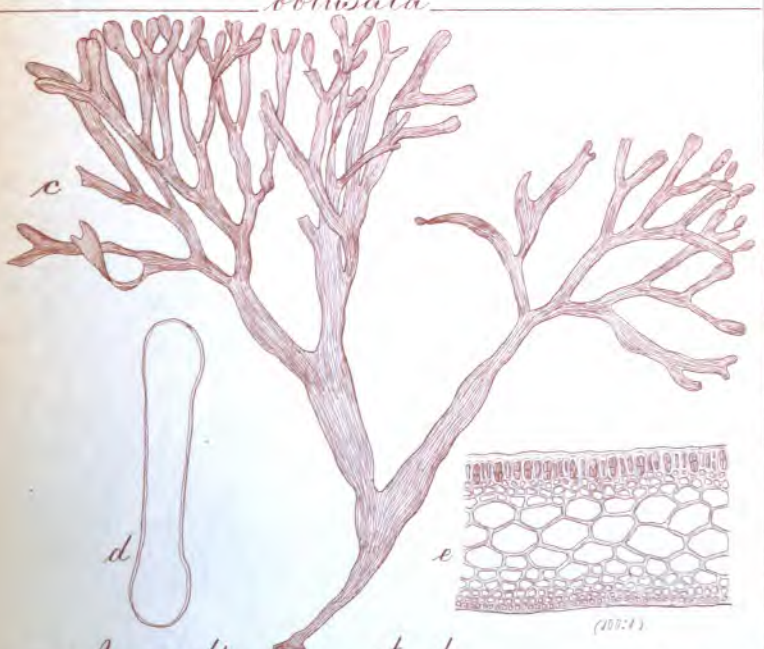
ceylanica laciniata Fig 4/r 1868

Digitized by Google

Digitized by Google

Curdiaea

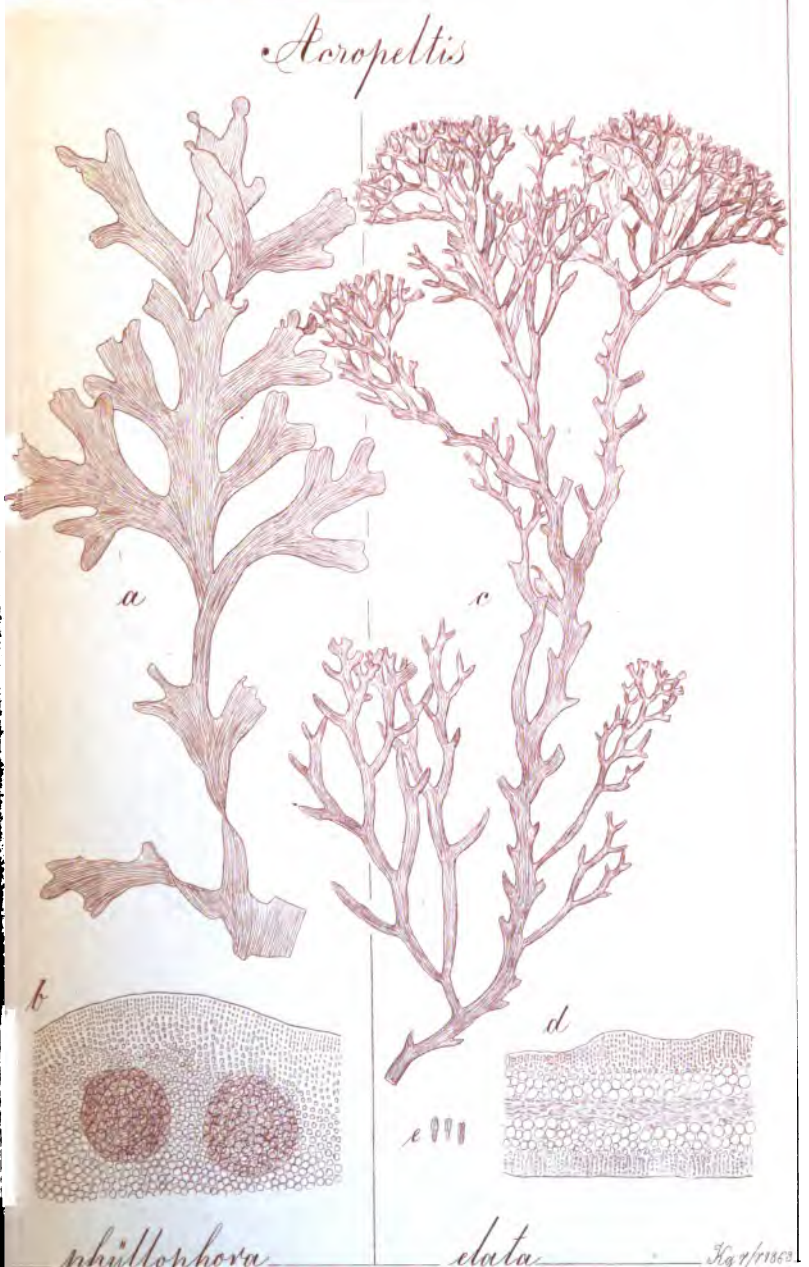
obtusata



Acropeltis australis

Digitized by Google

Digitized by Google



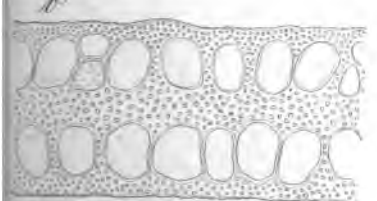
Digitized by Google

Digitized by Google

Digitized by Google

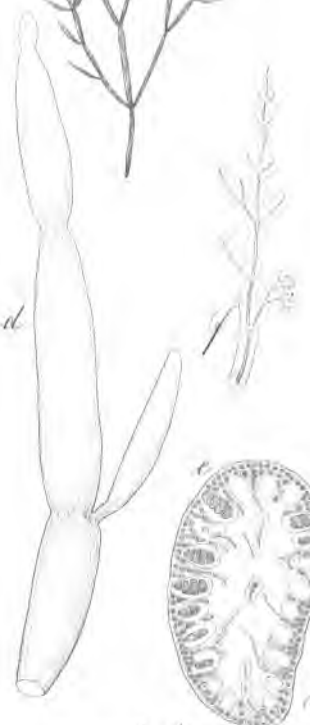
Digitized by Google

Hennedya



crispa

Erythrocolonium

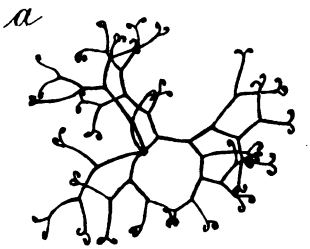


angustatum Kg 2/1 1863

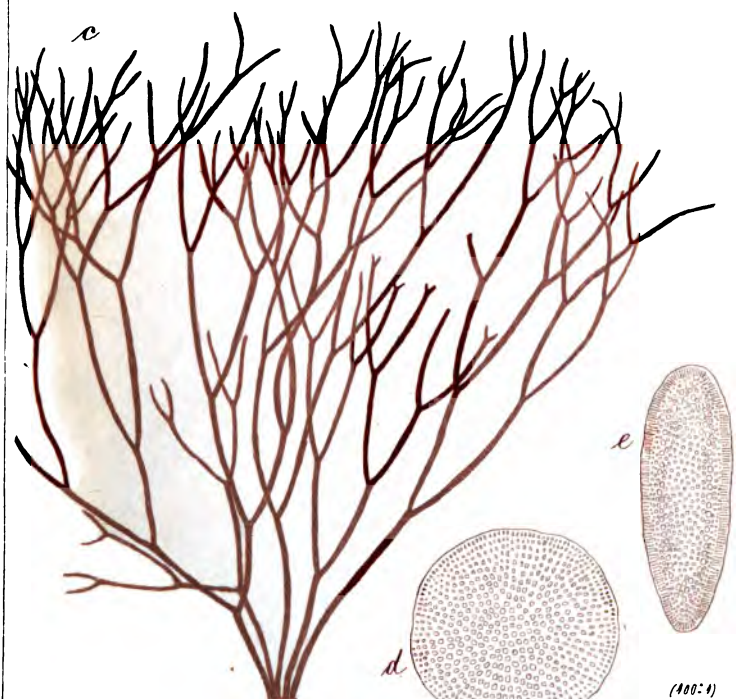
Digitized by Google

Digitized by Google

Dicranema



revolutum



(100:1)

furcellatum

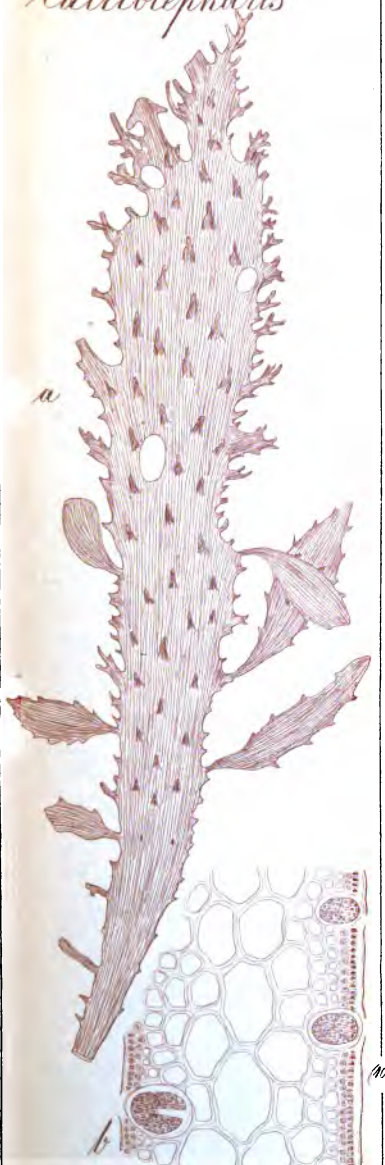
XIX

Kg 10/7 1868

Digitized by Google

Digitized by Google

Callithamnion



conspersa

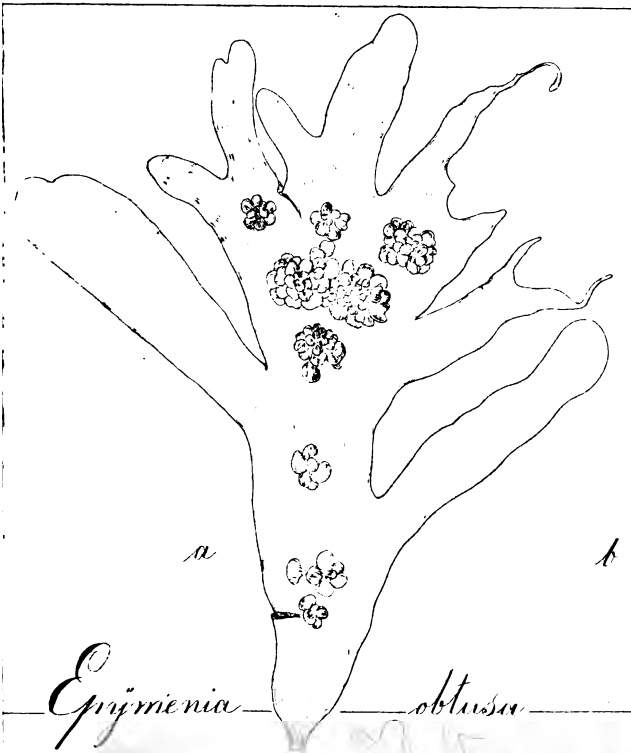
Carpoblepharis

ceylanica

Kg 11/1 1868

Digitized by Google

Digitized by Google



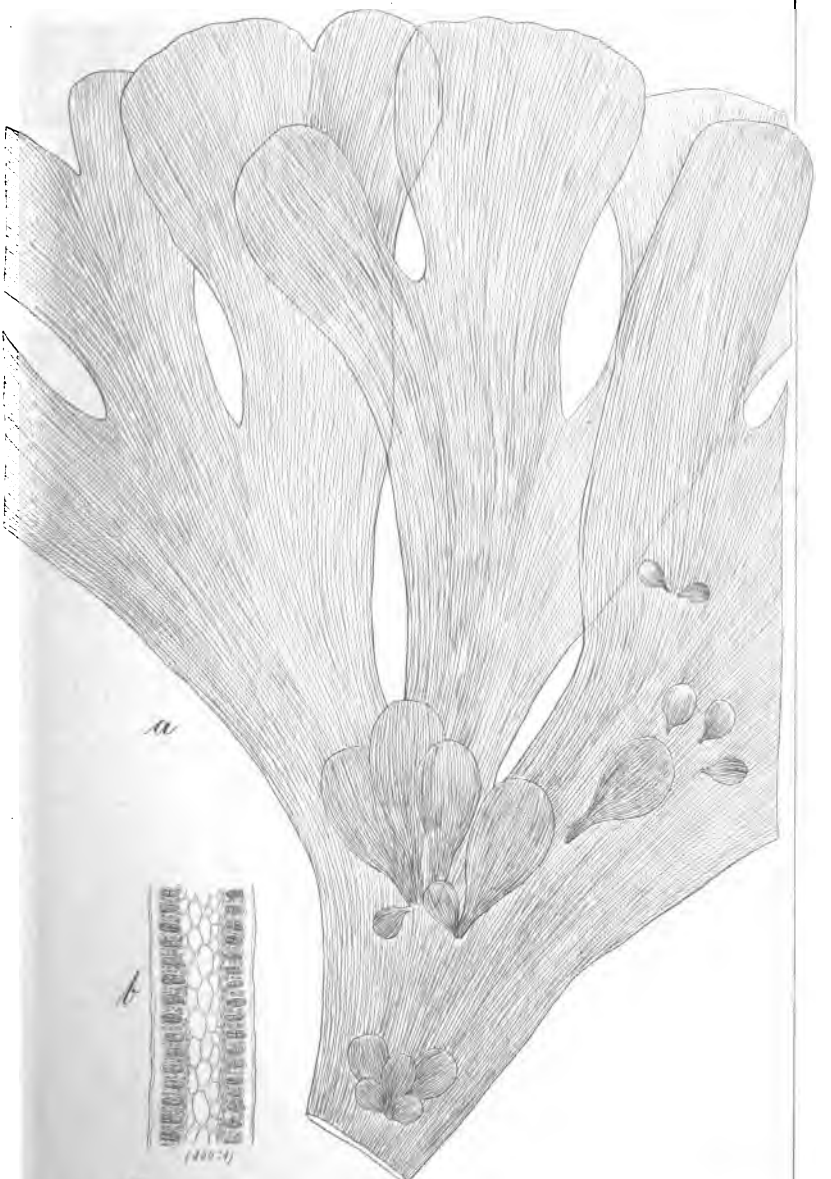
Epÿmenia obtusa

Epÿmenia membranacea

XIX

Digitized by Google

Digitized by Google

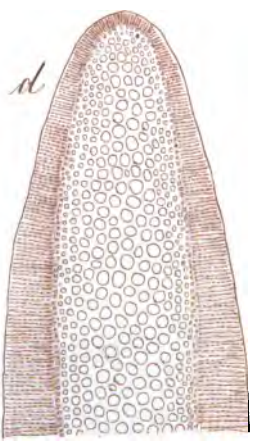


Epijmenia maxima

Digitized by Google

Digitized by Google

Melanthalia



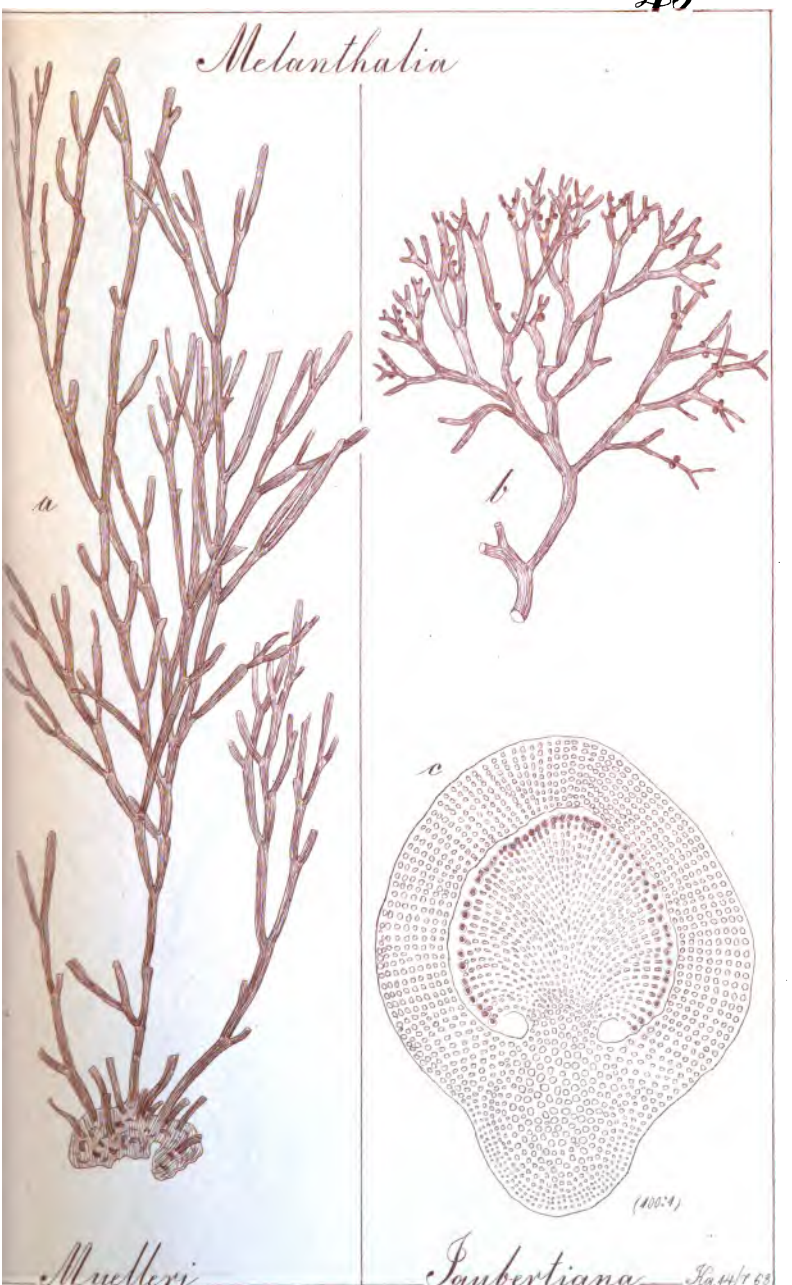
Billardieri

Vieillardi

Kg. 13/r 68

Digitized by Google

Digitized by Google

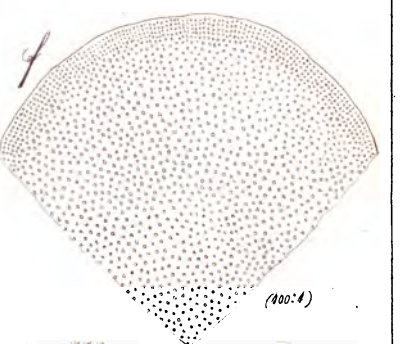


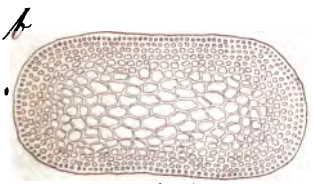
Digitized by Google

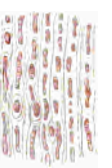
Digitized by Google

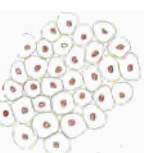
Melanthalia

Apophlaea









fastigata

Sinclairii

Kg15/71868

Digitized by Google

Digitized by Google

Porphyroglossum

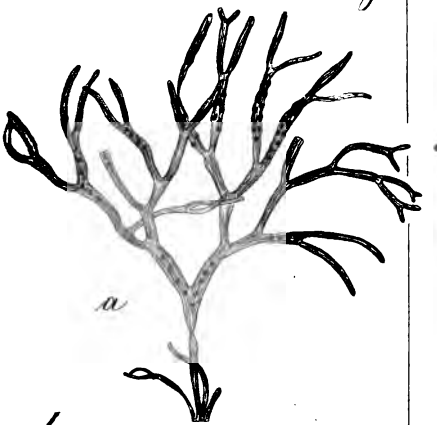
Ptilophora

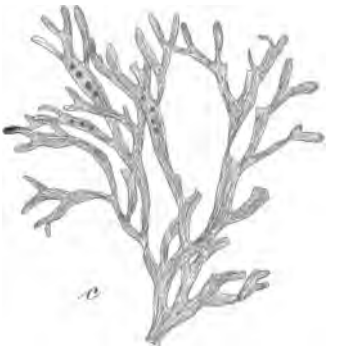
Zollingeri — spissa — Kg. 15/7 1868

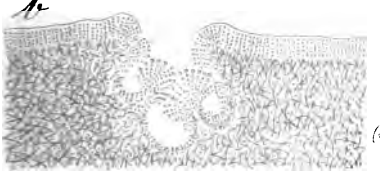
Digitized by Google

Digitized by Google

Nothogenia







(100:1)

variolosa

tuberculosa

(100:1)

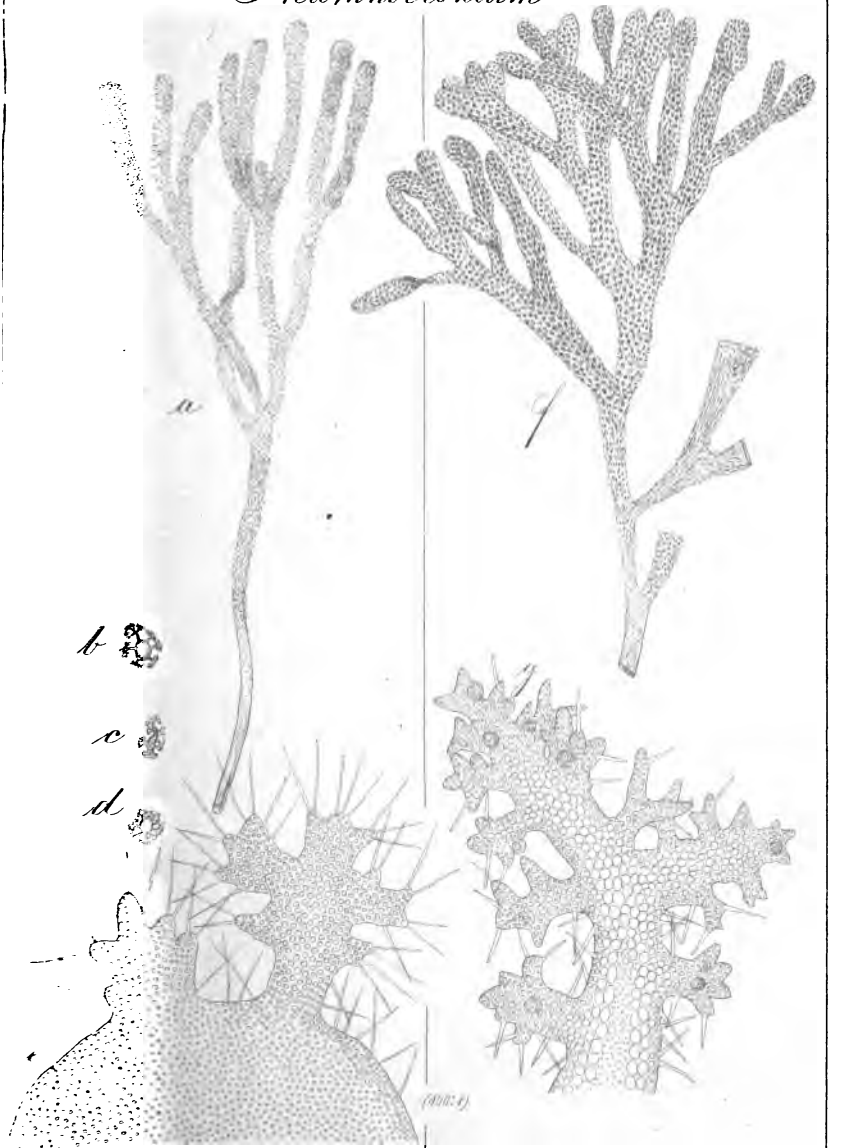
livida

Fig. 17, 18.

Digitized by Google

Digitized by Google

Thamnoclonium



hirsutum — proliferum — Kg 18/7 1868

XIX

Digitized by Google

Digitized by Google

Thamnoclonium

Charlangium

Semannianum

dichotomum

Fig. 20/21

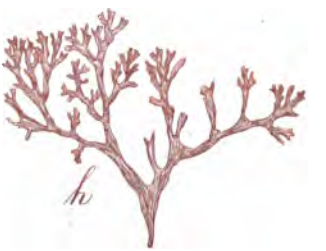
Digitized by Google

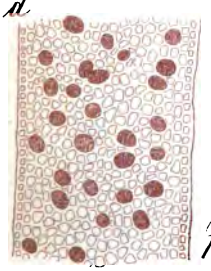
Digitized by Google

Digitized by Google

Digitized by Google

Rhodophyllis





bifida — XIX — capensis

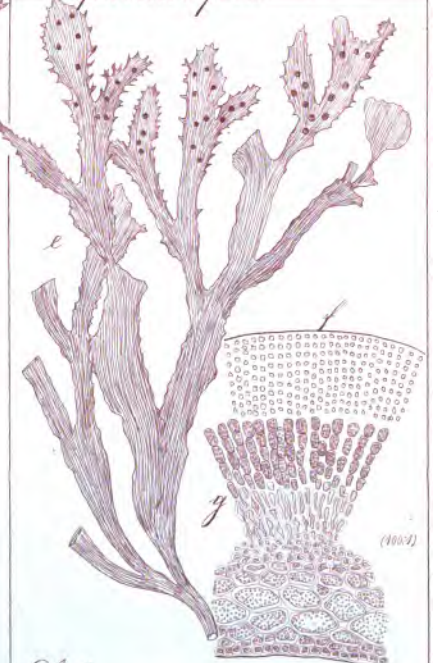
Digitized by Google

Digitized by Google

Rhodophyllis

multipartita

spathulifera

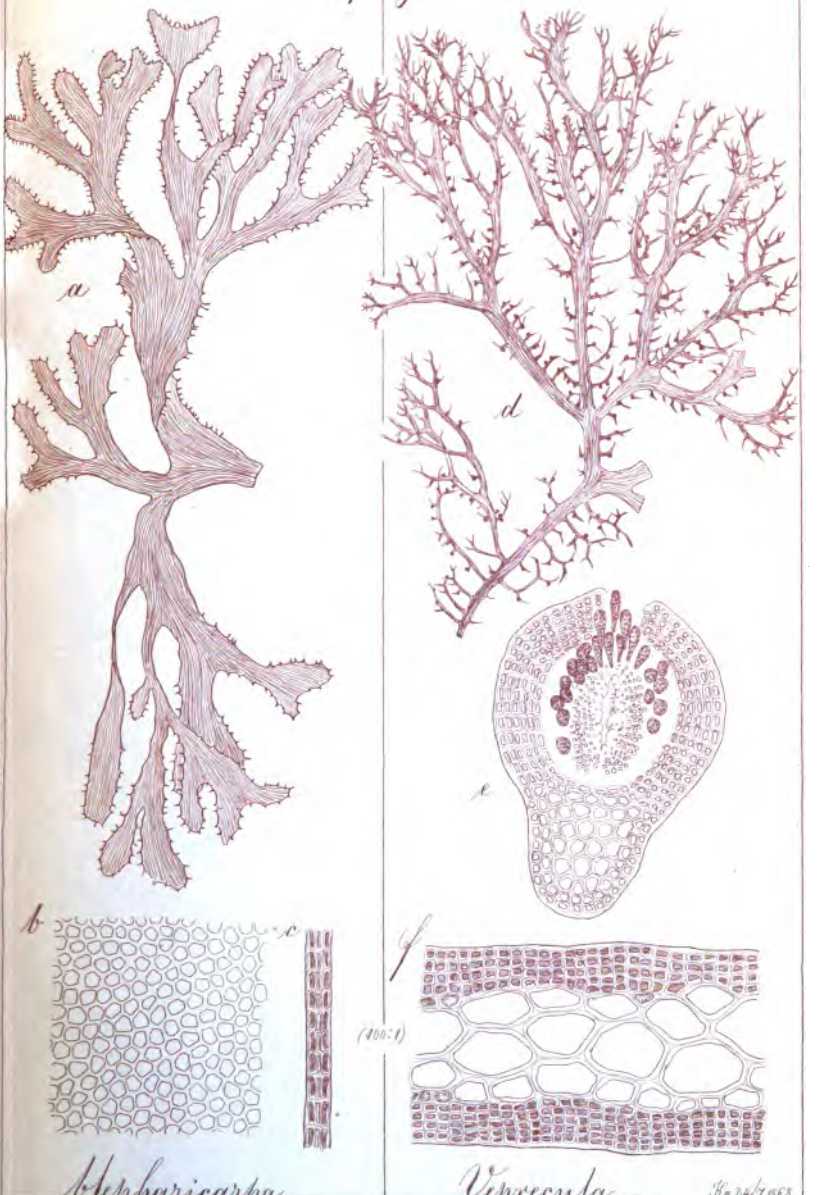


Sphaerococcus denticulatus Fg 23/1768

Digitized by Google

Digitized by Google

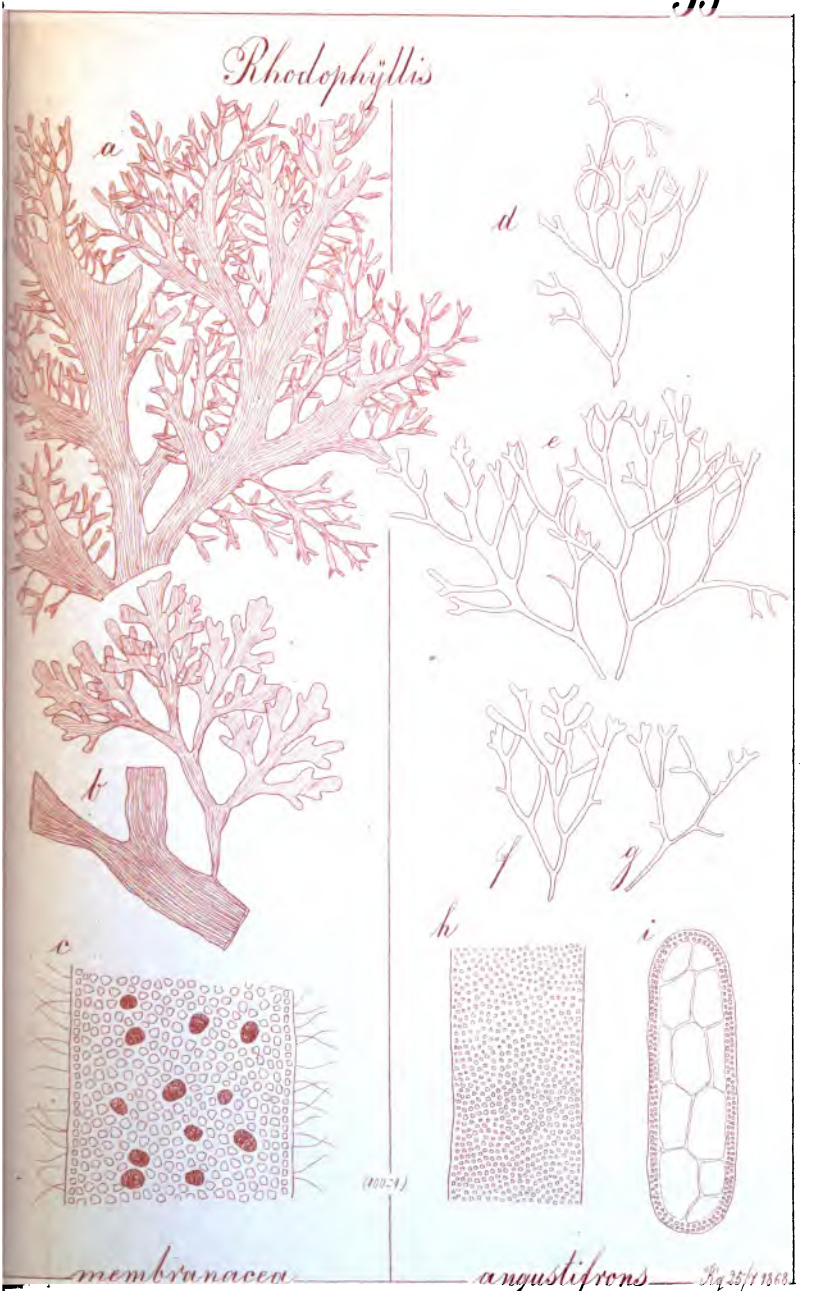
Rhodophyllis



Blepharicarpa Veprecula Kg 24/1868

Digitized by Google

Digitized by Google



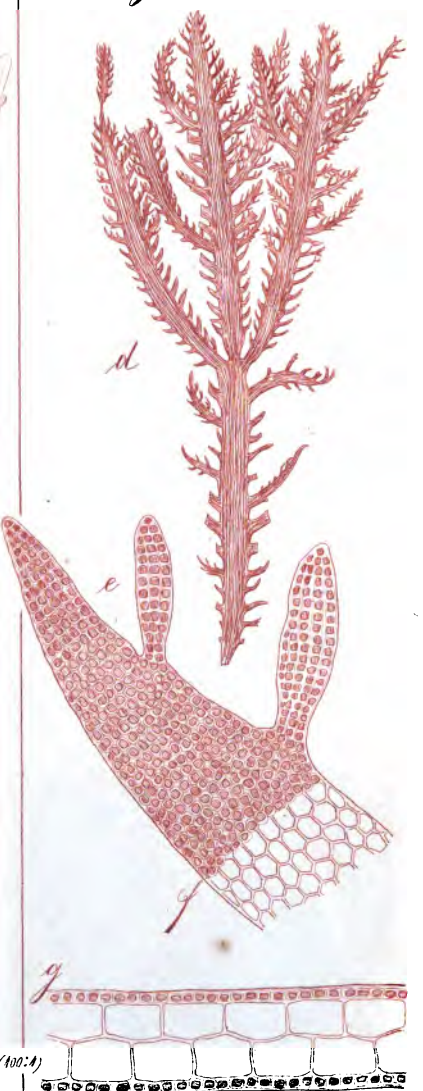
Digitized by Google

Digitized by Google

Amansia

linearis

Dictÿmenia



prolifera

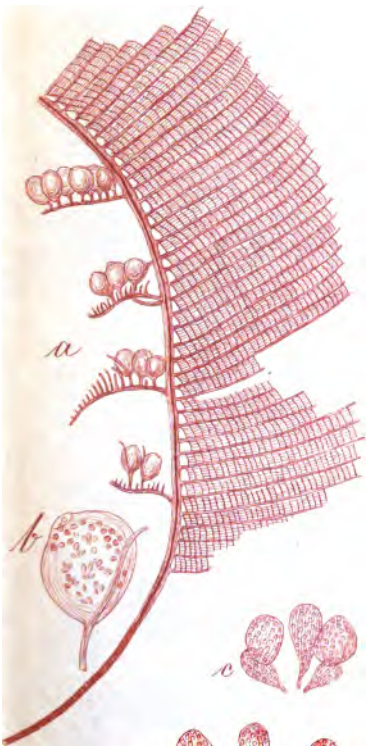
Kg. 26/7 68

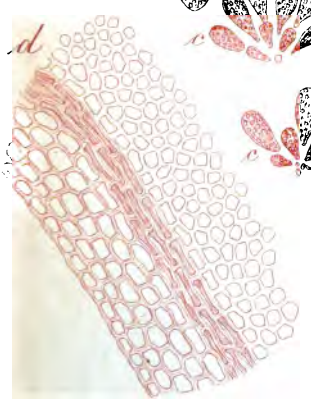
XIX

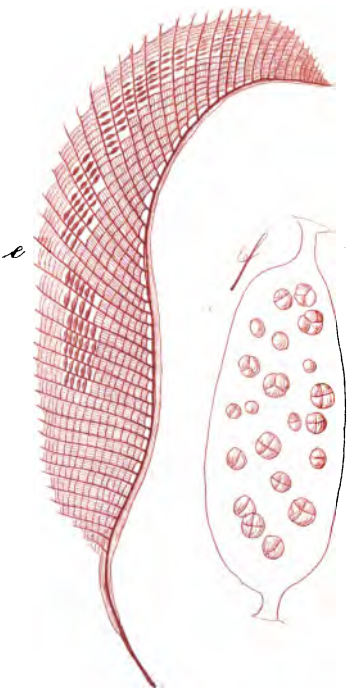
Digitized by Google

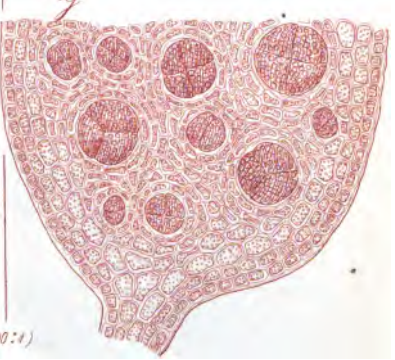
Digitized by Google

Claudea









elegans
XIX

Fig 24/1868

Digitized by Google

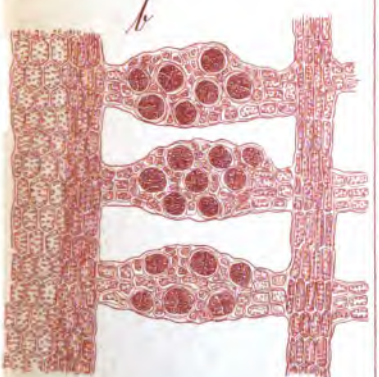
Digitized by Google

Claudea

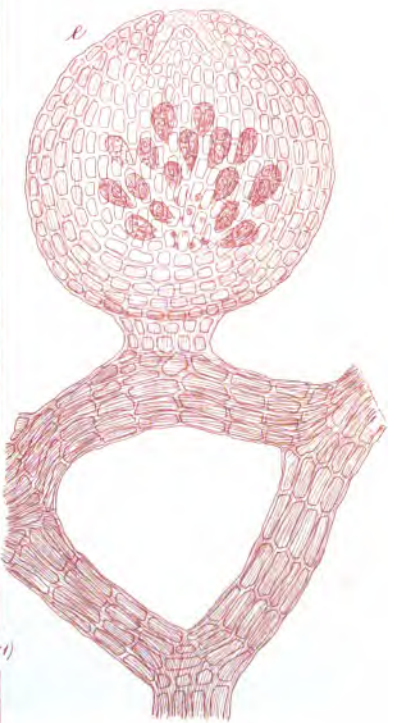
Vanvoorstia

a

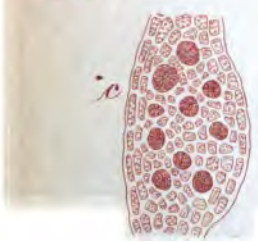
d



b



e



c

(100:1)

multifida

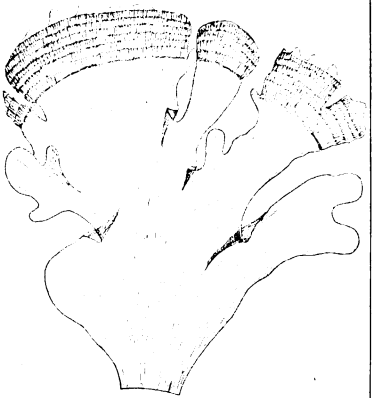
spectabilis

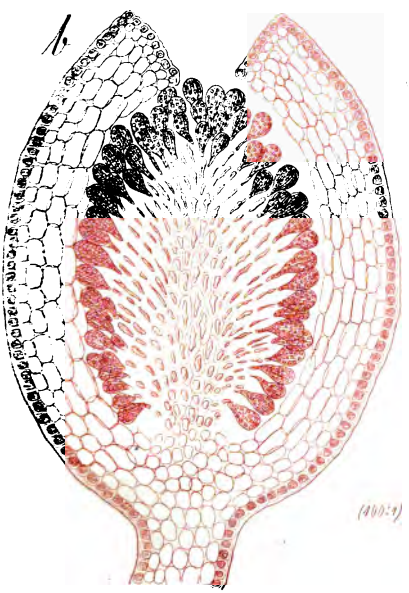
Kg 25/7 1868

Digitized by Google

Digitized by Google

Martensia





elegans

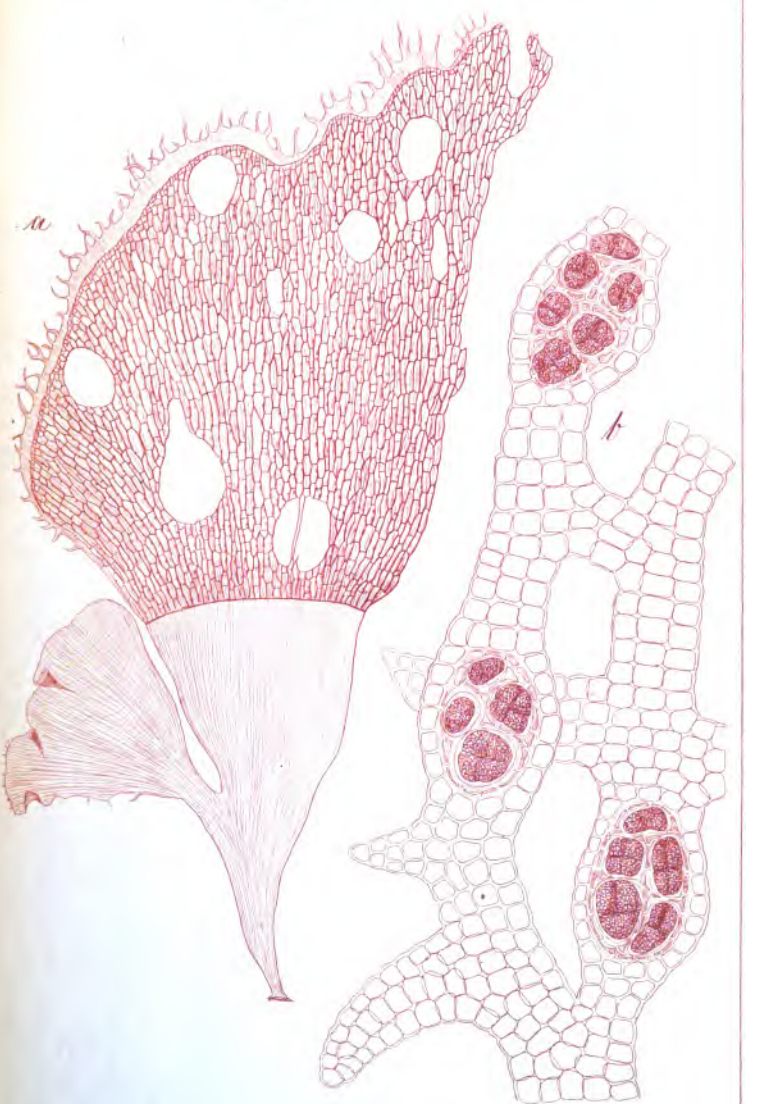
XIX

Kg 30/11.68

Digitized by Google

Digitized by Google

Martensia



australis

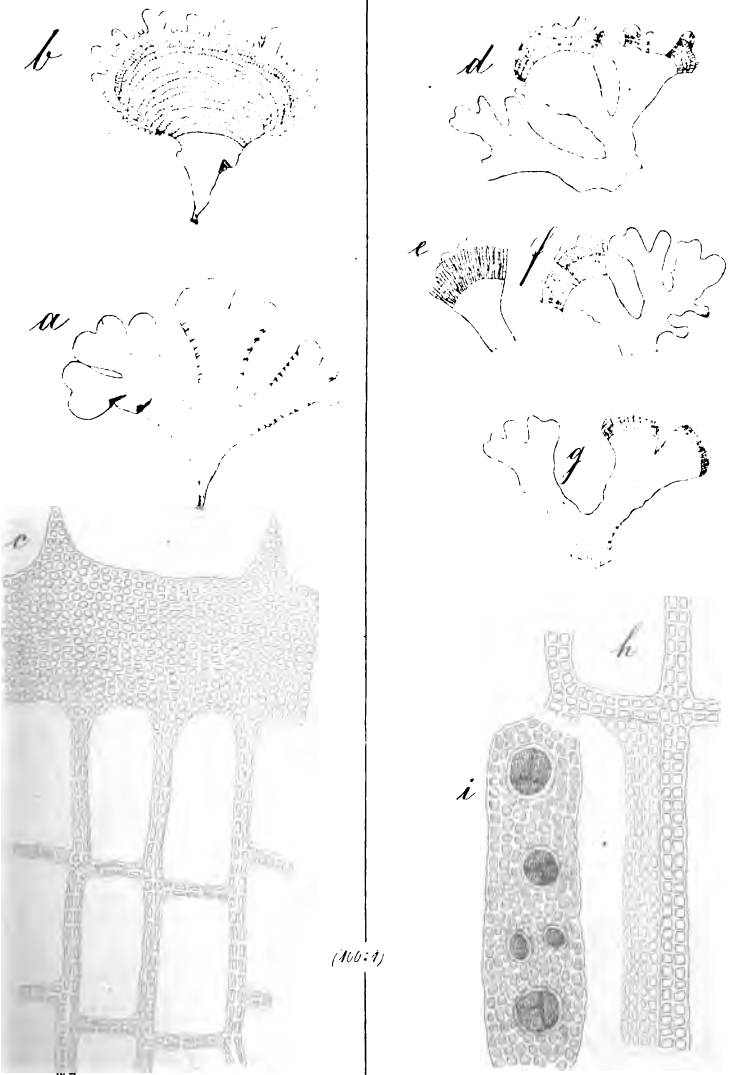
Fig 31/1 1868

XIX

Digitized by Google

Digitized by Google

Martensia



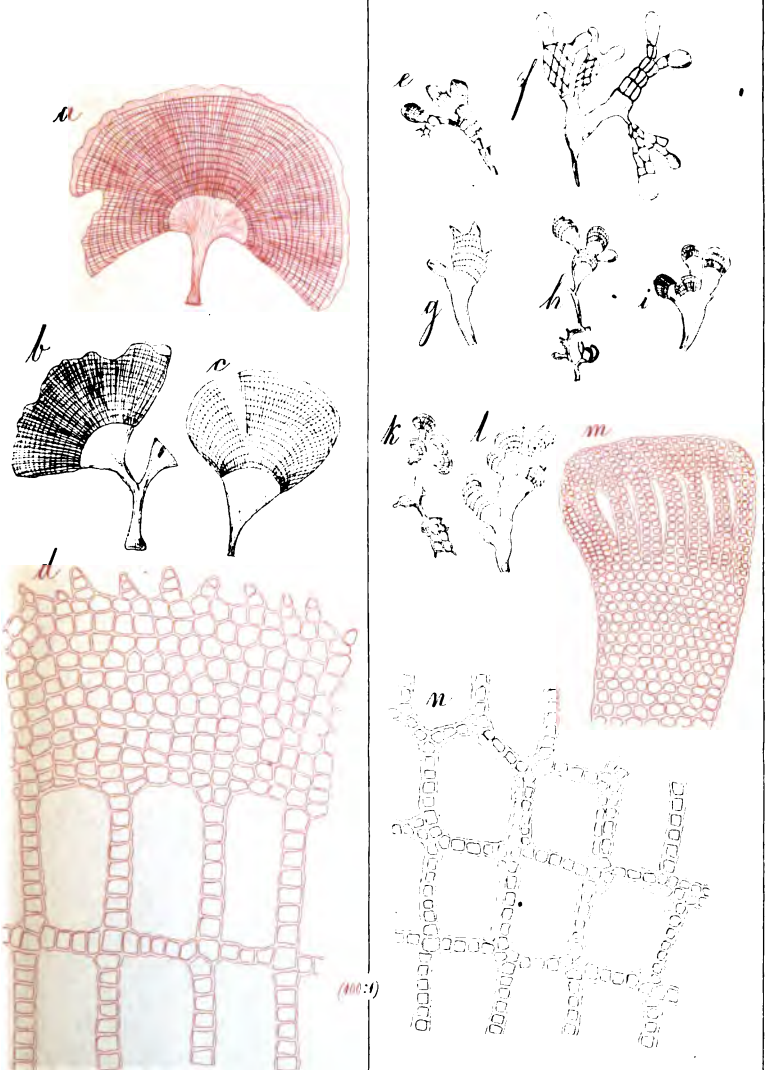
denticulata — fragilis — Fig. 1 p. 1363

XIX

Digitized by Google

Digitized by Google

Martensia

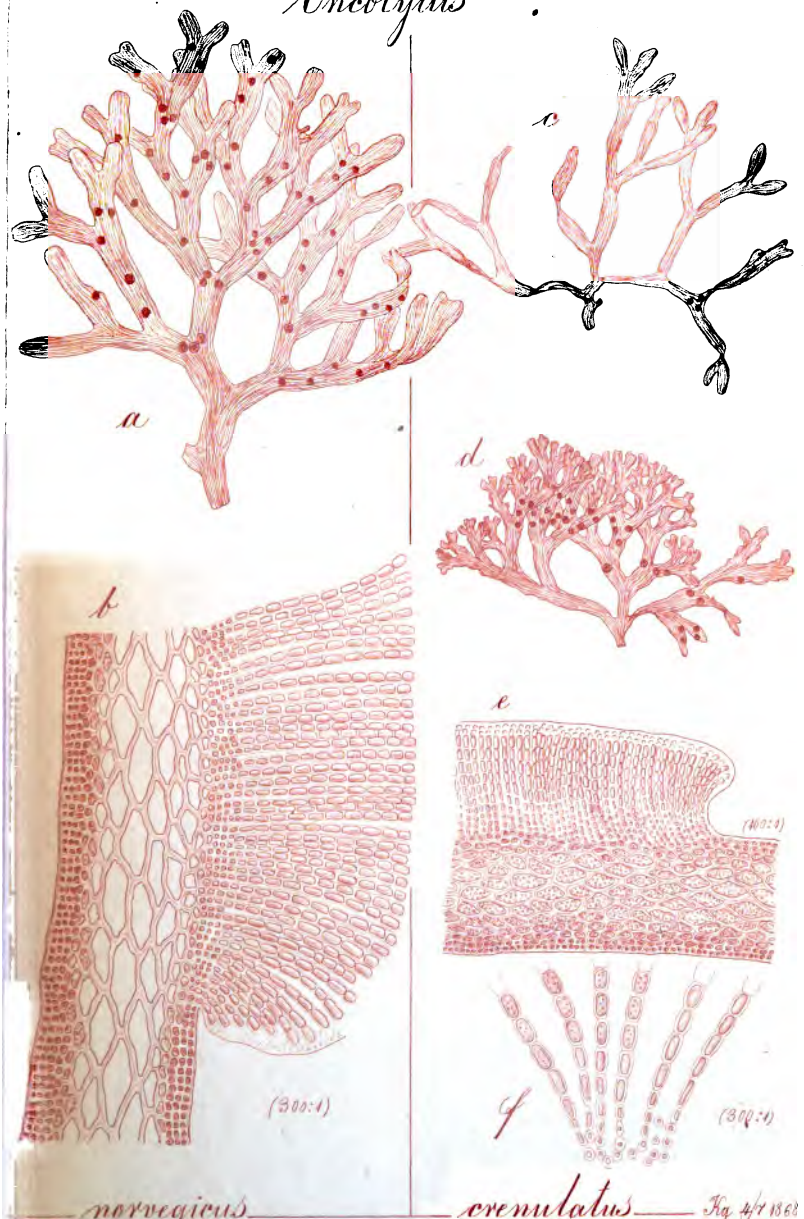


flabelliformis — pavonia — Fig. 3/3 1865

Digitized by Google

Digitized by Google

Oncotylus



norvegicus — crenulatus — Kg 4/7 1868

XIX

Digitized by Google

Digitized by Google

Oncotylus

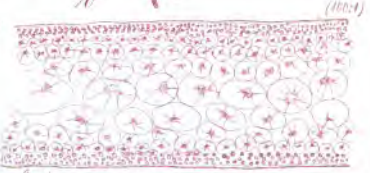
a

b

dilatatus

a

b



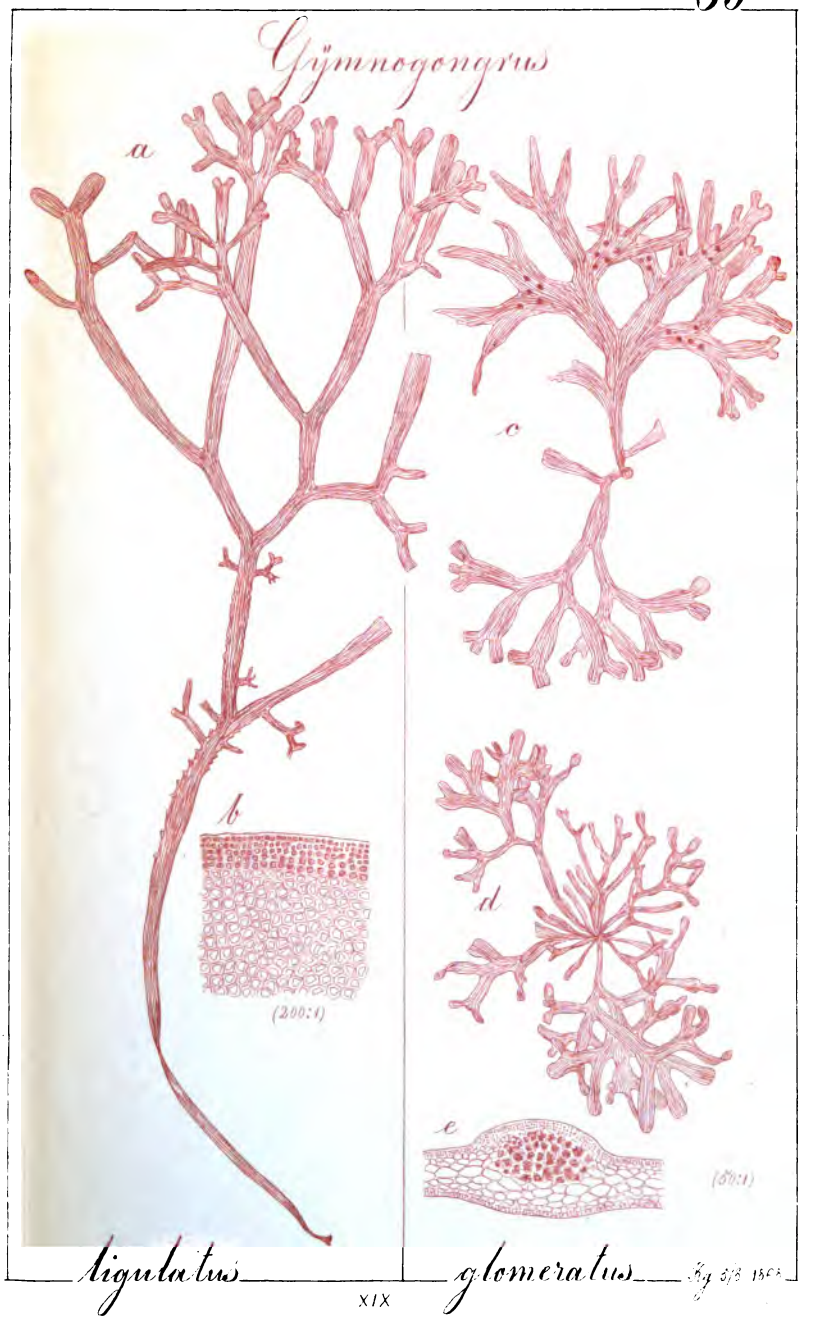
Gymnogongrus foliosus

XIX

Kg 6/8 1860

Digitized by Google

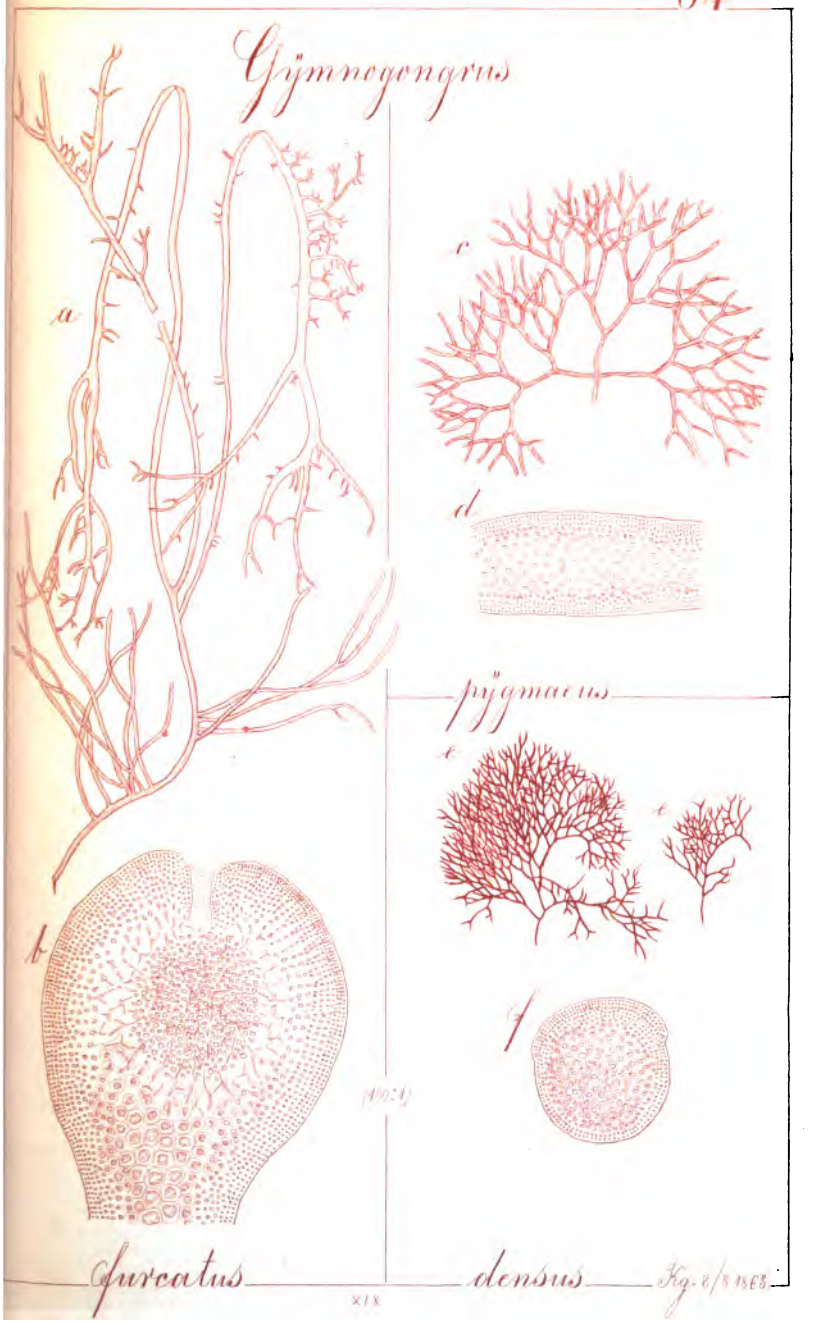
Digitized by Google



XIX

Digitized by Google

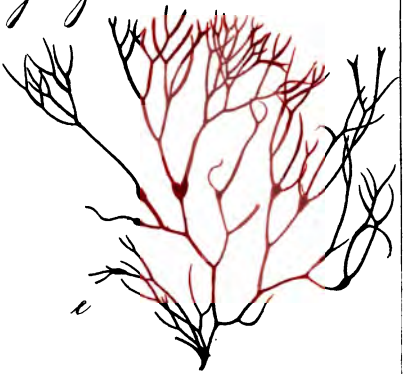
Digitized by Google



Digitized by Google

Digitized by Google

Gymnogongrus



furcellatus

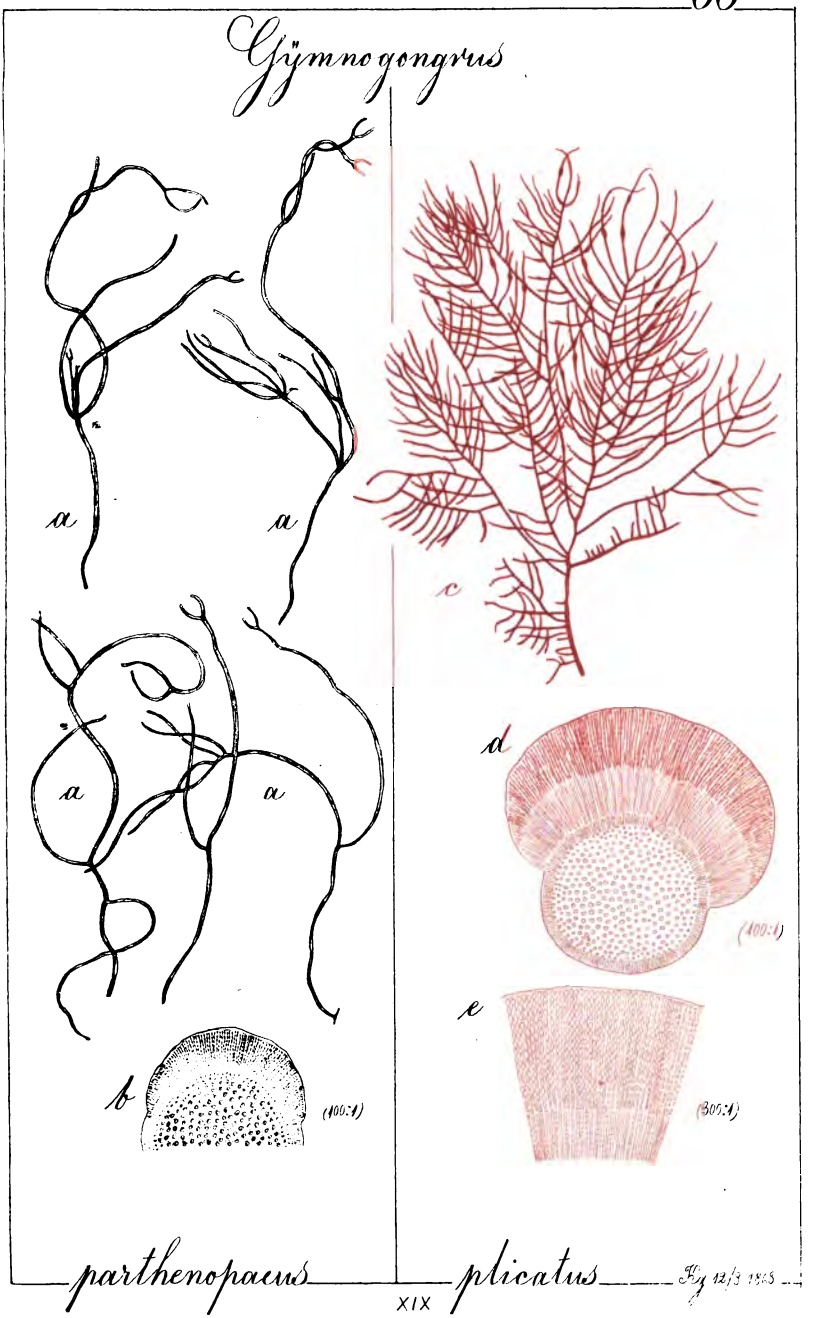
tentaculatus

Griffithsiae Hg n/s 1865

Digitized by Google

Digitized by Google

Gymnogongrus



parthenopaeus — plicatus

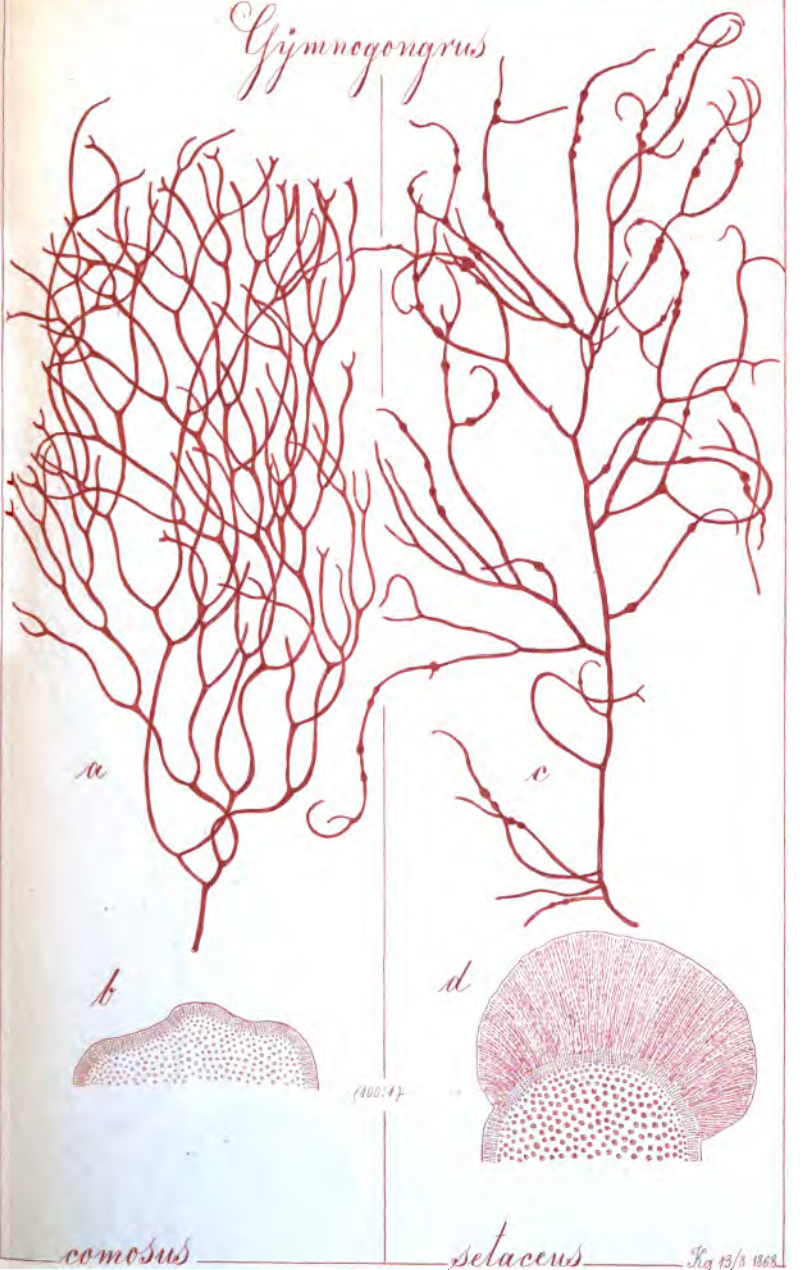
Kg 12/3 1868

XIX

Digitized by Google

Digitized by Google

Gymnogongrus



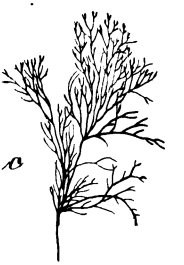
comosus — setaceus

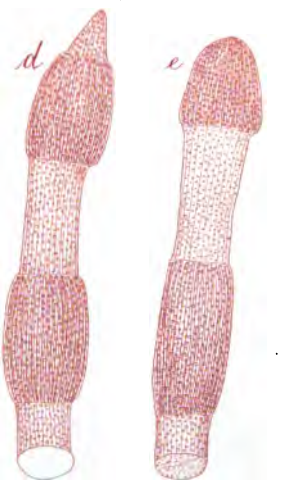
Kg 13/8 1868

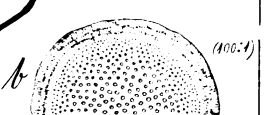
Digitized by Google

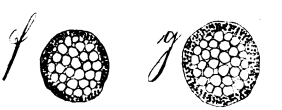
Digitized by Google

Gymnogongrus









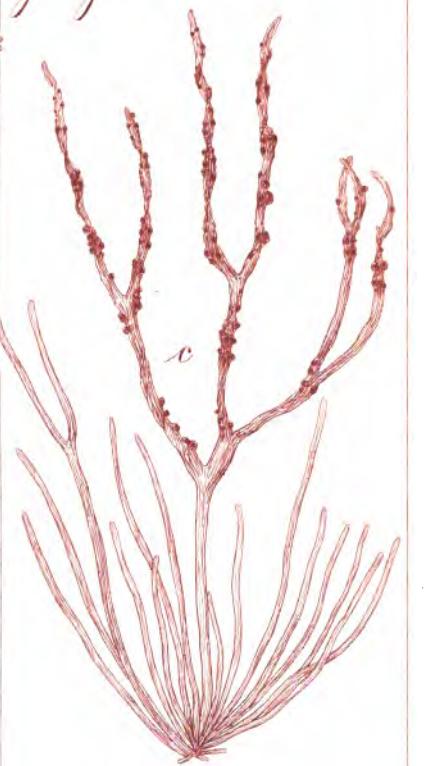
filiformis — amnicus — Kg 15/3 1868

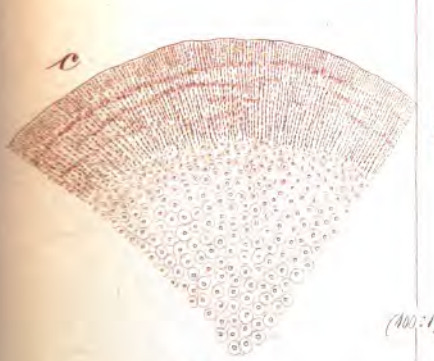
XIX

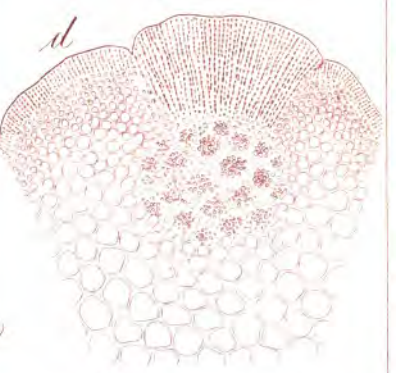
Digitized by Google

Digitized by Google

Gymnogongrus







(100:1)

implicatus — nodosus

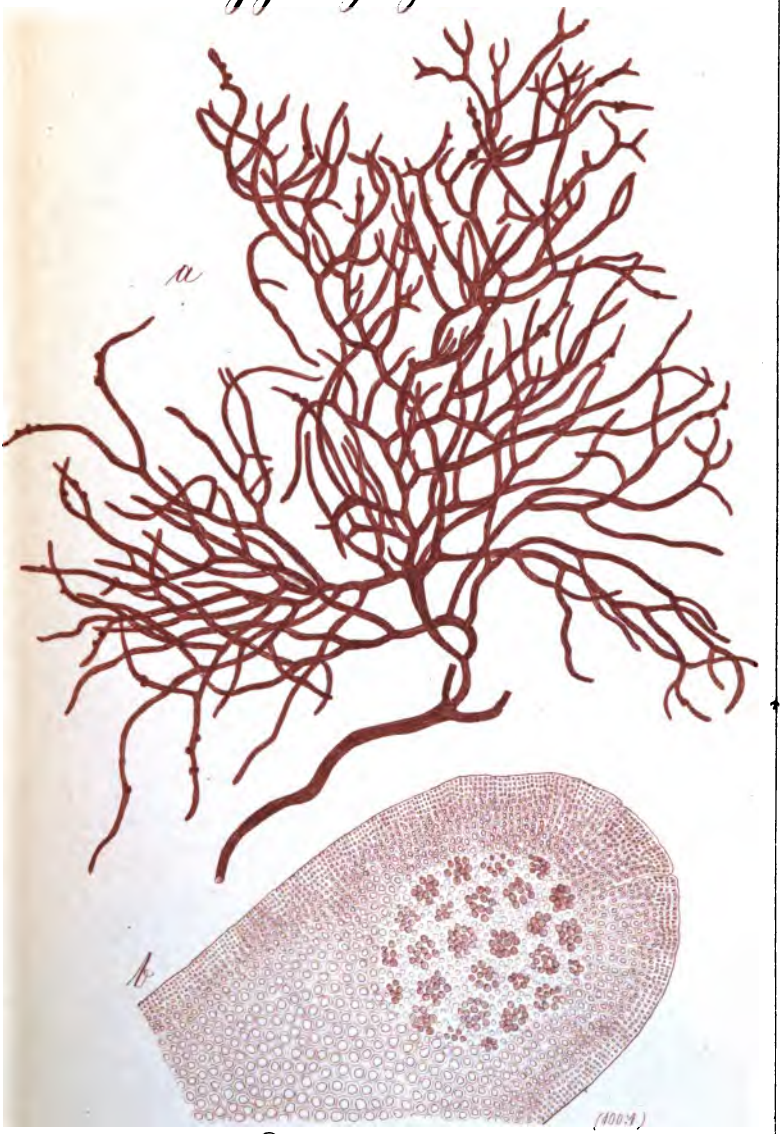
Fig 3/4 1869

XIX

Digitized by Google

Digitized by Google

Gymnogongrus



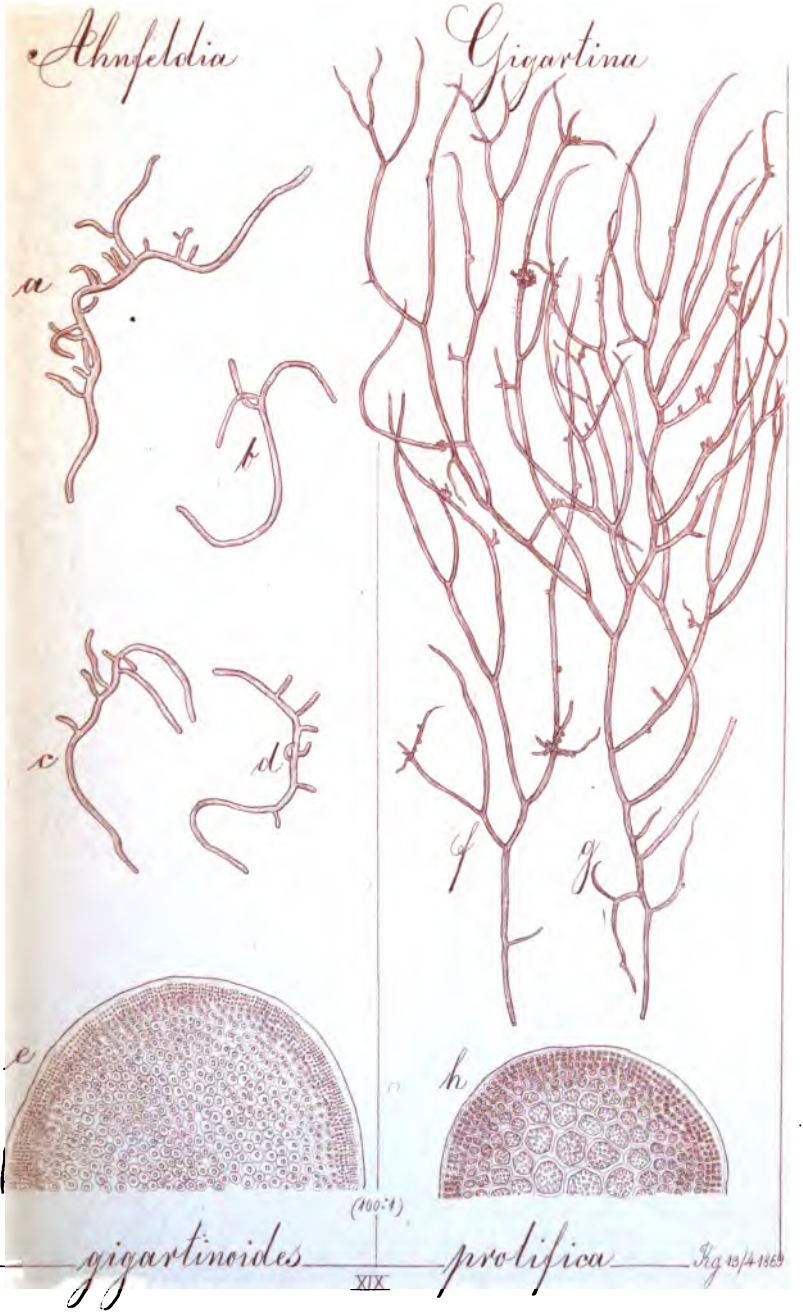
Polyides

XIX

Kg. 11/4 1869

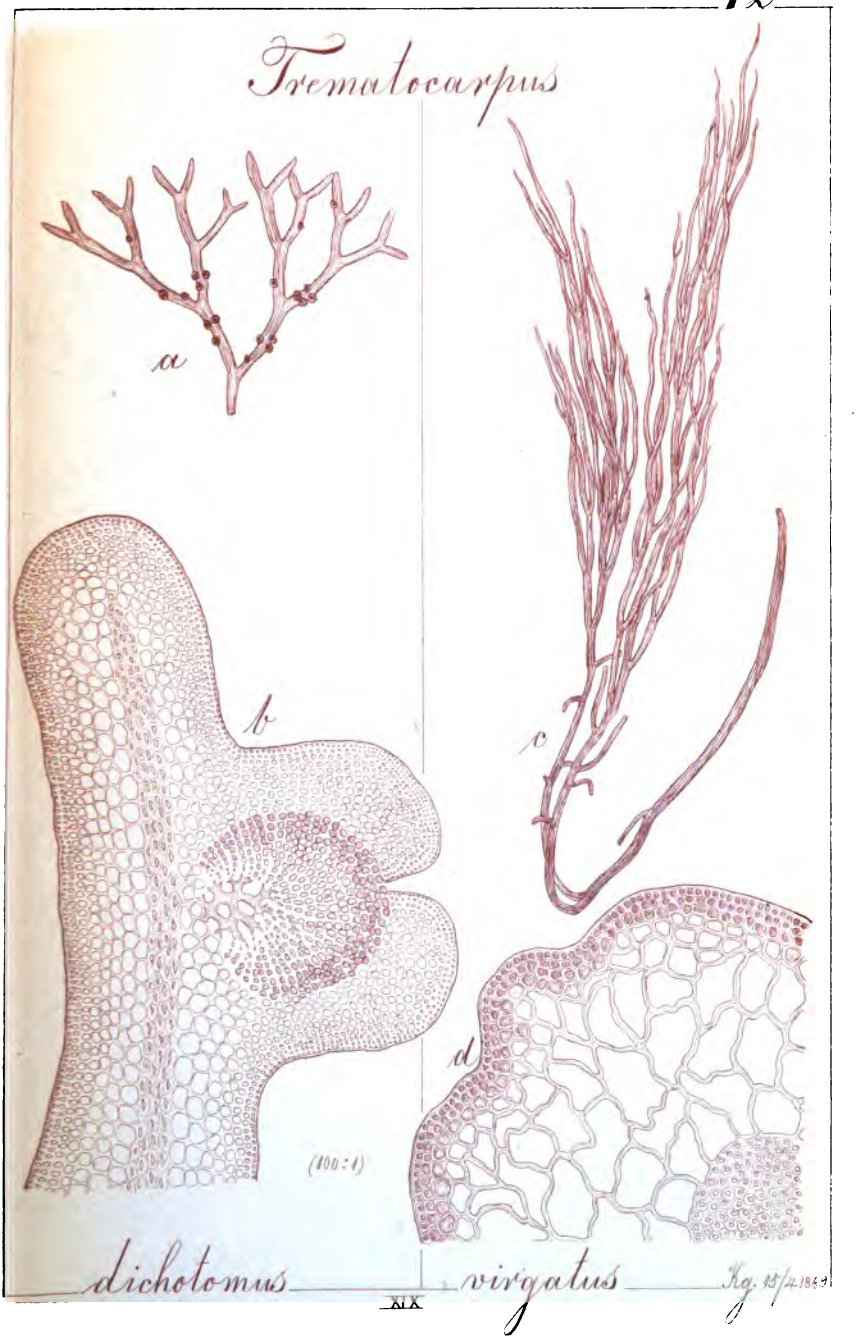
Digitized by Google

Digitized by Google



Digitized by Google

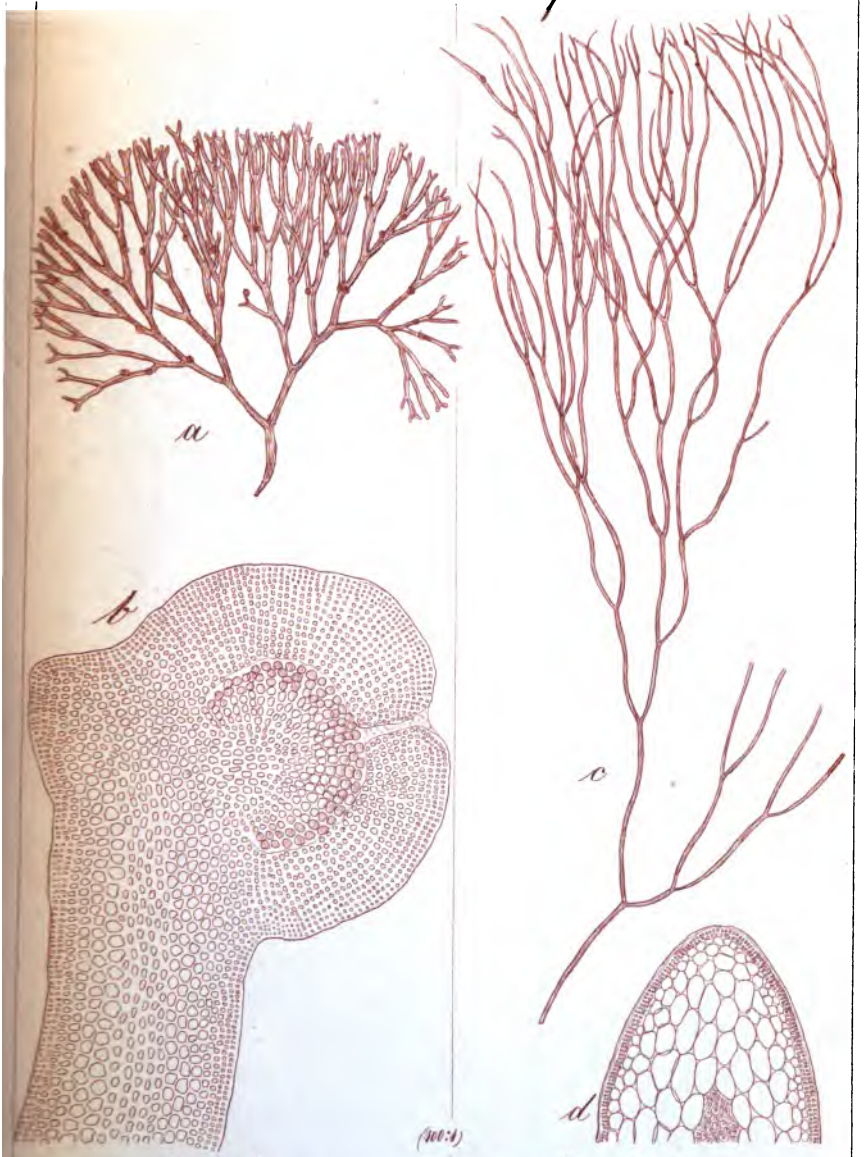
Digitized by Google



Digitized by Google

Digitized by Google

Trematocarpus

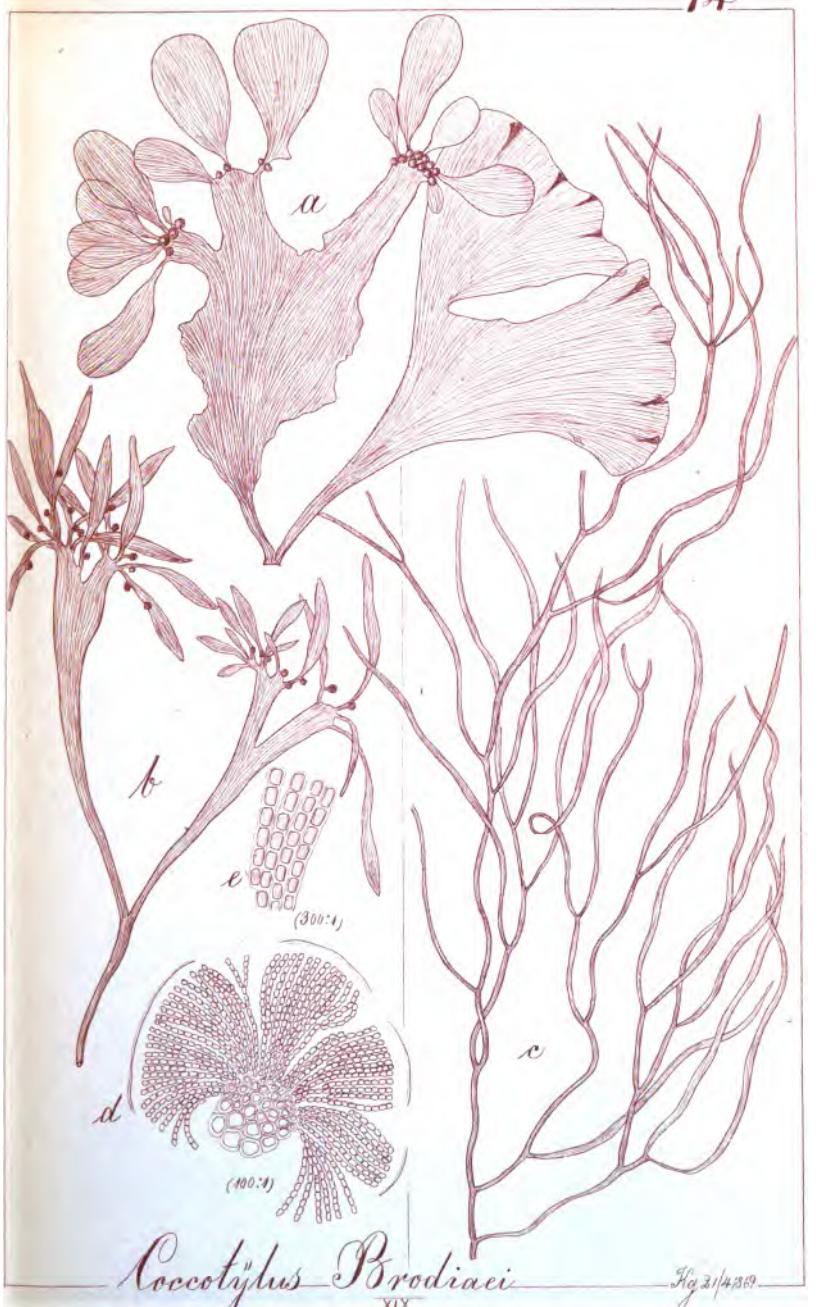


polychotomus furcellatus Kg 18/4 1869

XIX.

Digitized by Google

Digitized by Google

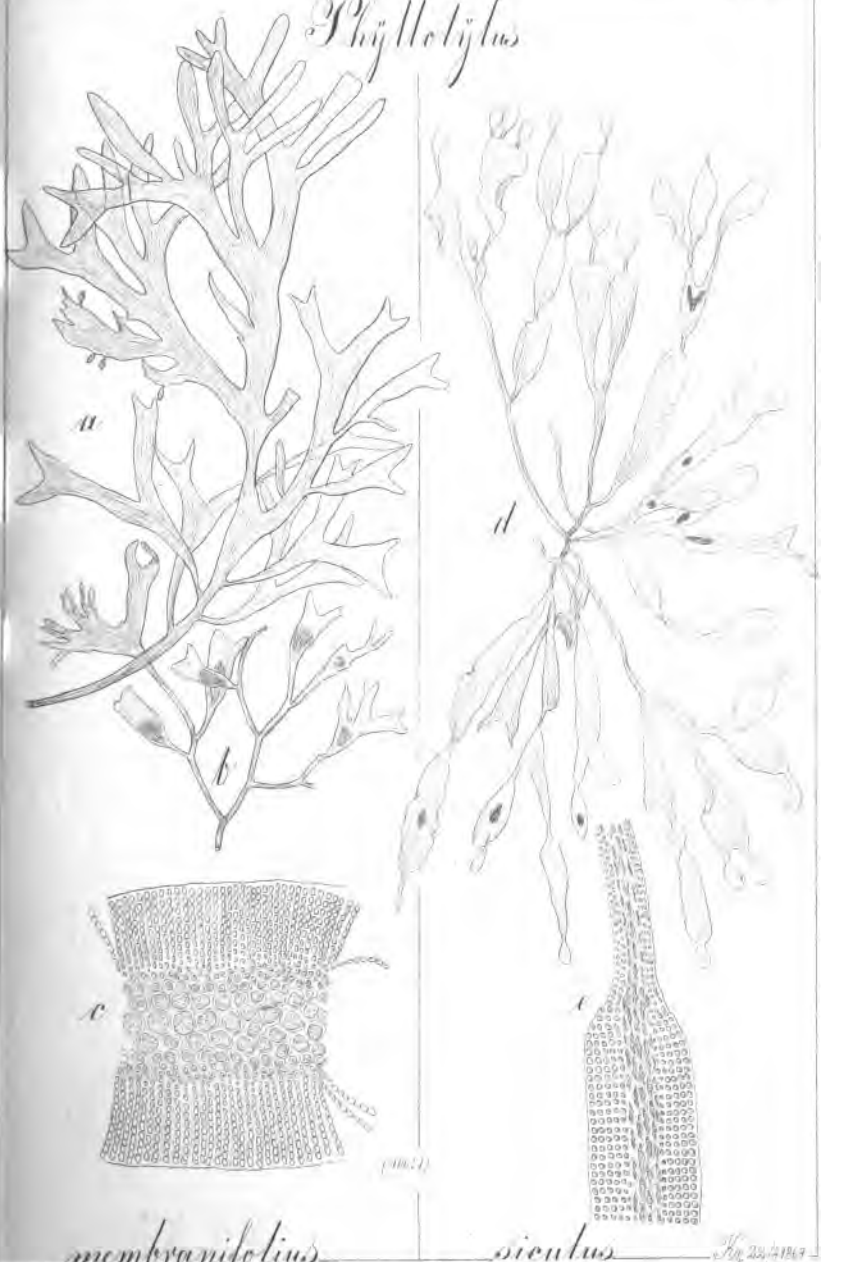


Coccotylus Brodiaei

Kg 31/4369

Digitized by Google

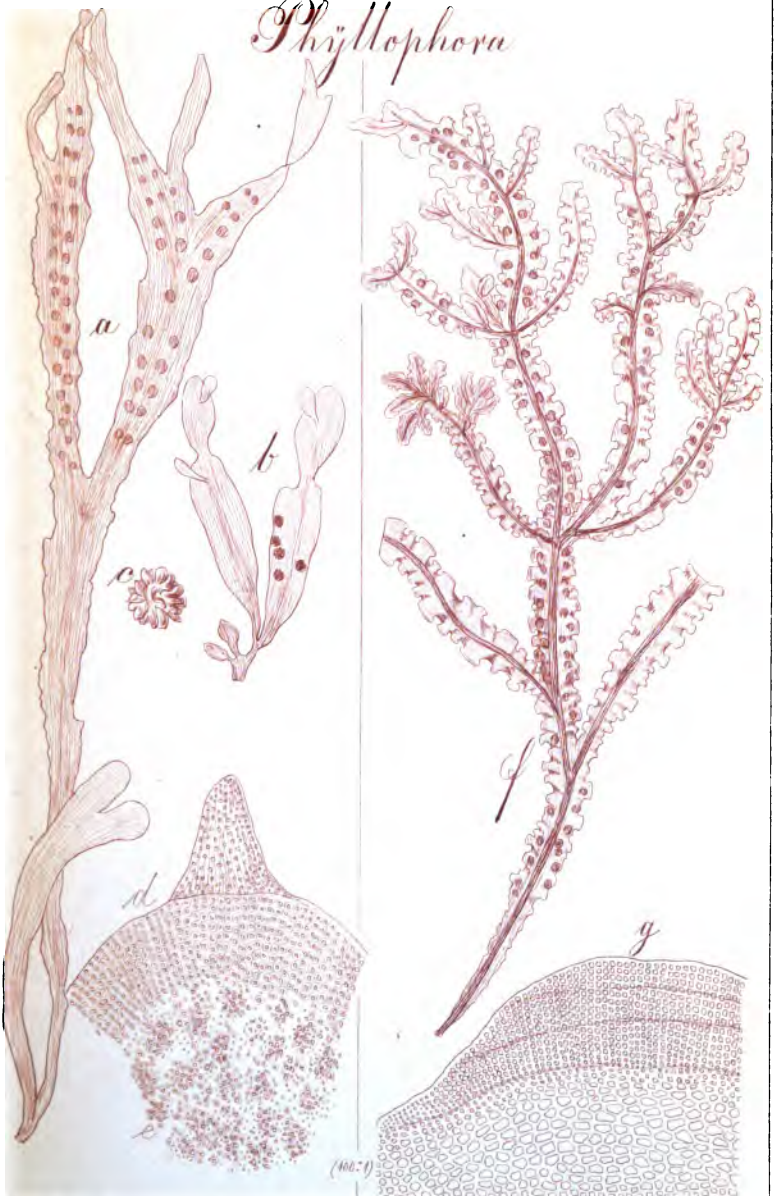
Digitized by Google



Digitized by Google

Digitized by Google

Phyllophora



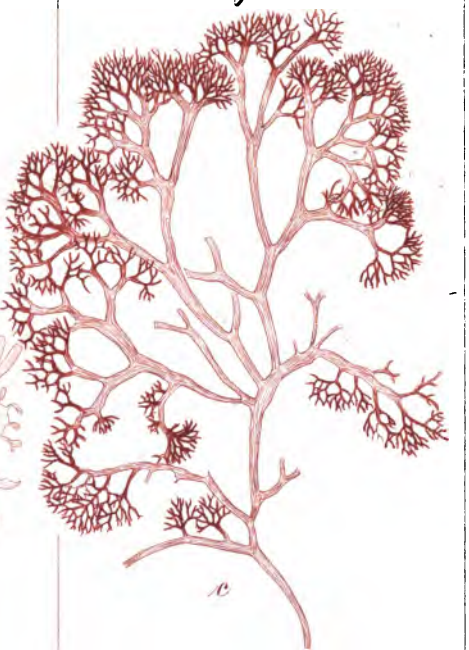
rubens — nervosa

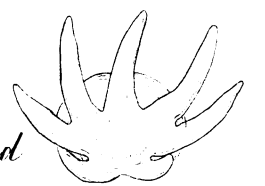
Digitized by Google

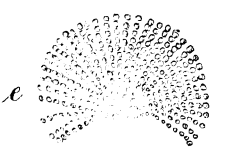
Digitized by Google

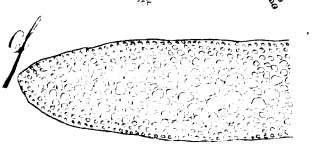
Phyllophora

Acantholylus









(100:1)

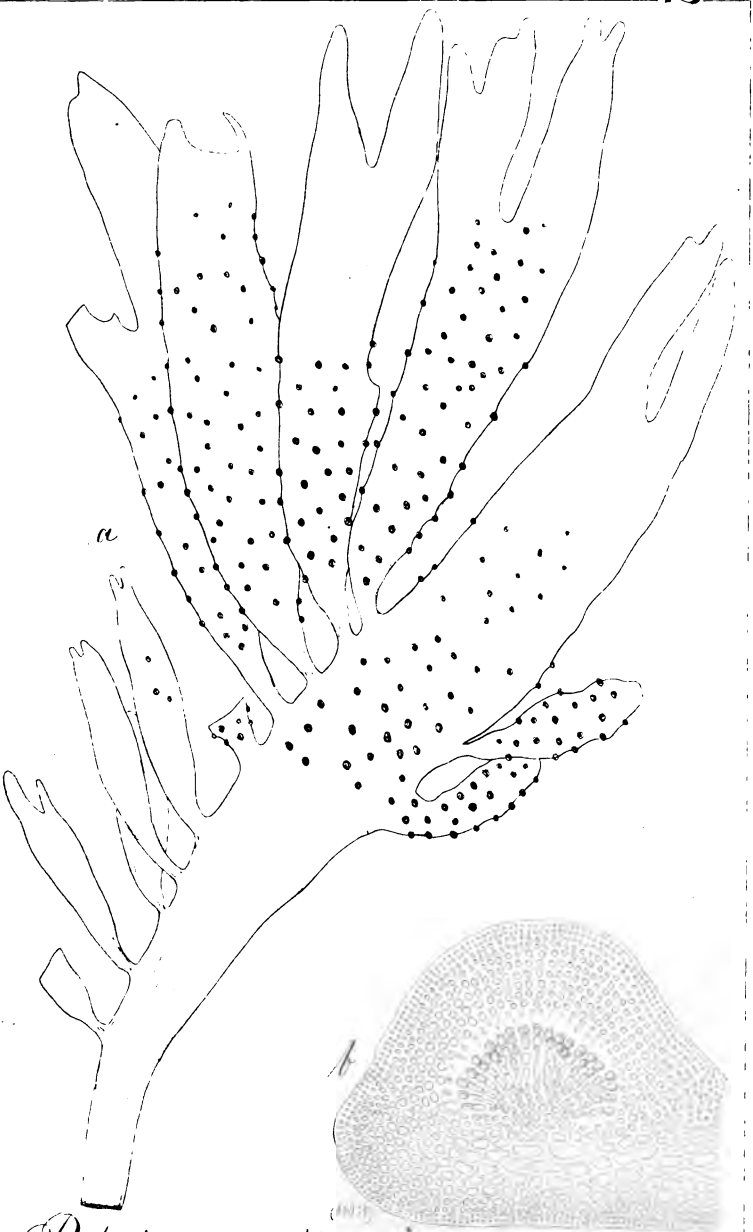
denticulata

Heredia

Fig 27/4 1863

Digitized by Google

Digitized by Google



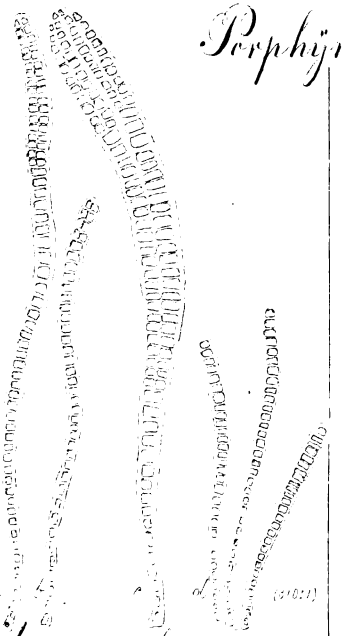
Rhodomenia Montagneana

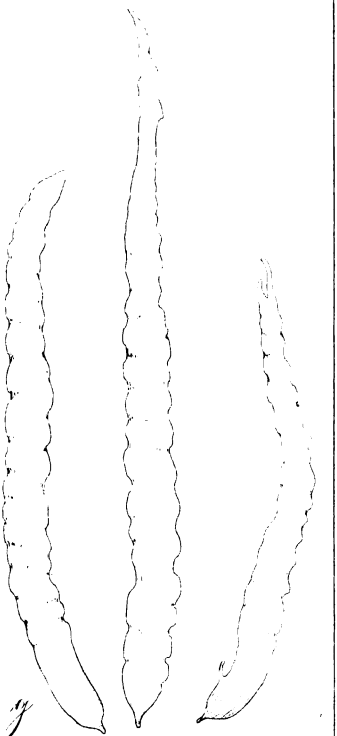
XIX

Digitized by Google

Digitized by Google

Porphyra

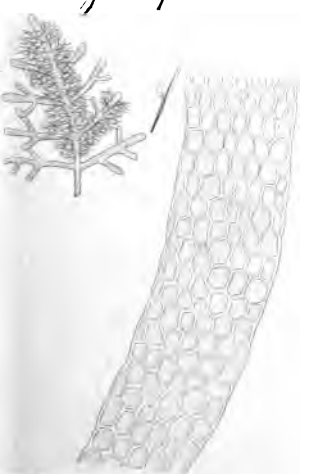




bangiaeformis

e

Boryana



g

h

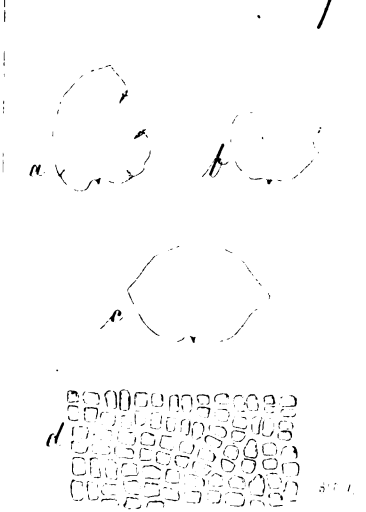
i

linearis

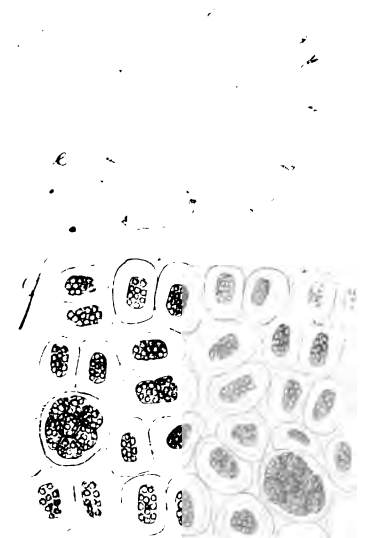
Digitized by Google

Digitized by Google

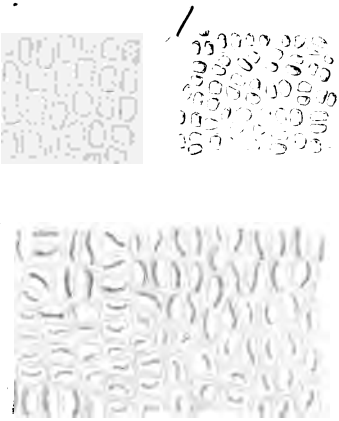
Porphyra



vesiculosa



columbina

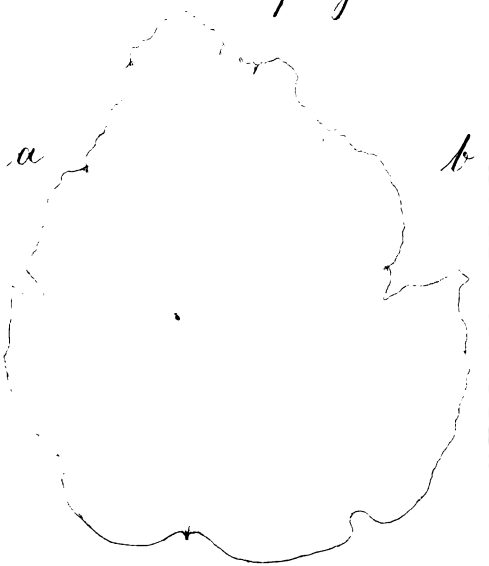


vermicellifera

Digitized by Google

Digitized by Google

Porphÿra



miniata

coriacea

XIX.

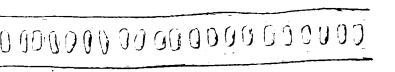
Digitized by Google

Digitized by Google

Porphyra

a

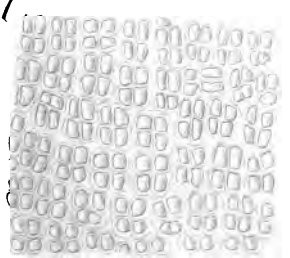
b



vulgaris

c

d



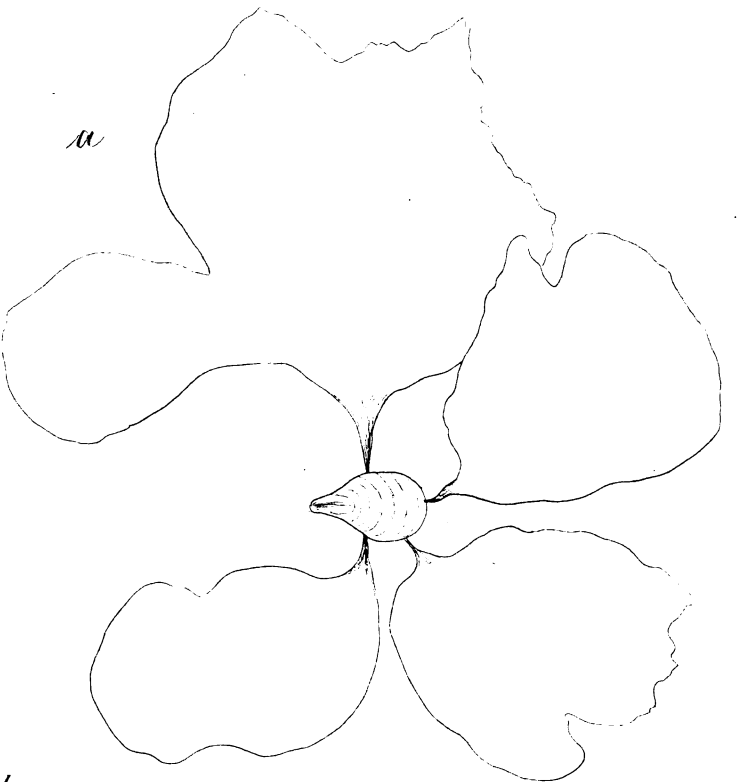
e

laciniata

XIX

Digitized by Google

Porphÿra.

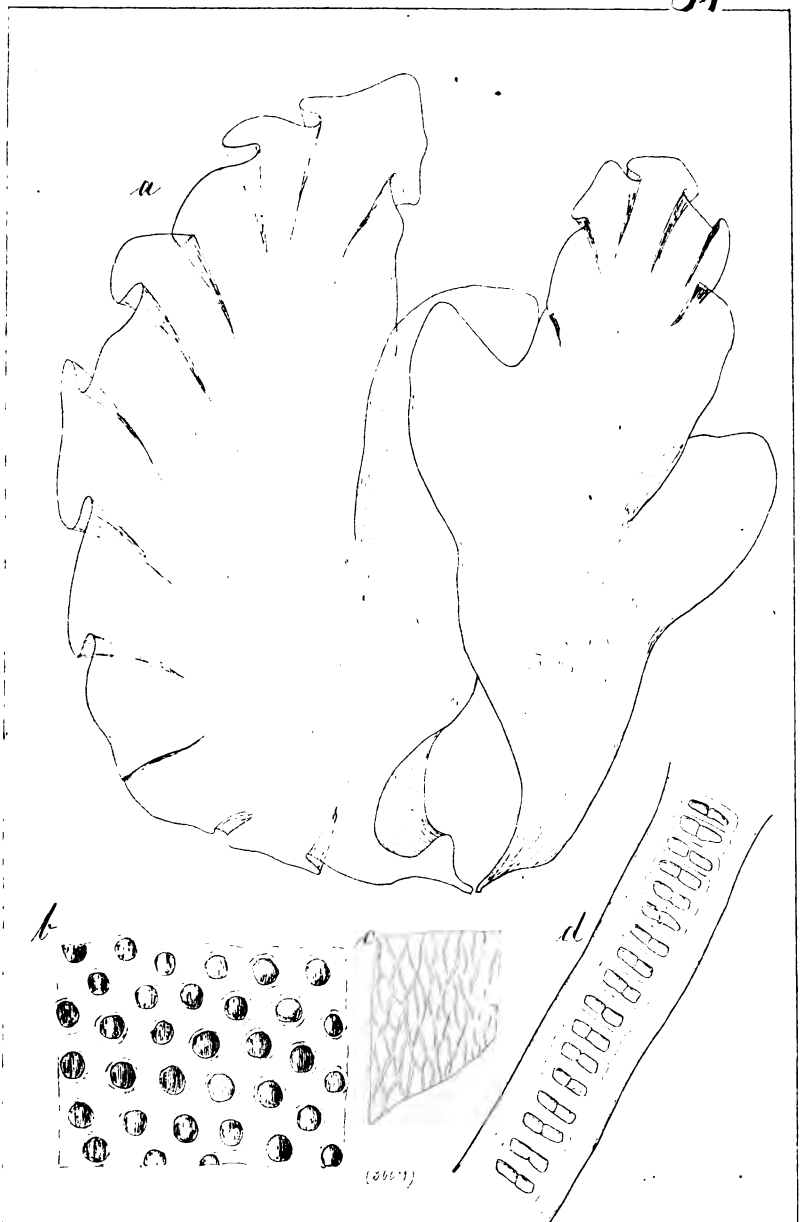


amethÿstea

XIX

Digitized by Google

Digitized by Google



Porphÿra Kunthiana

XIX

Digitized by Google

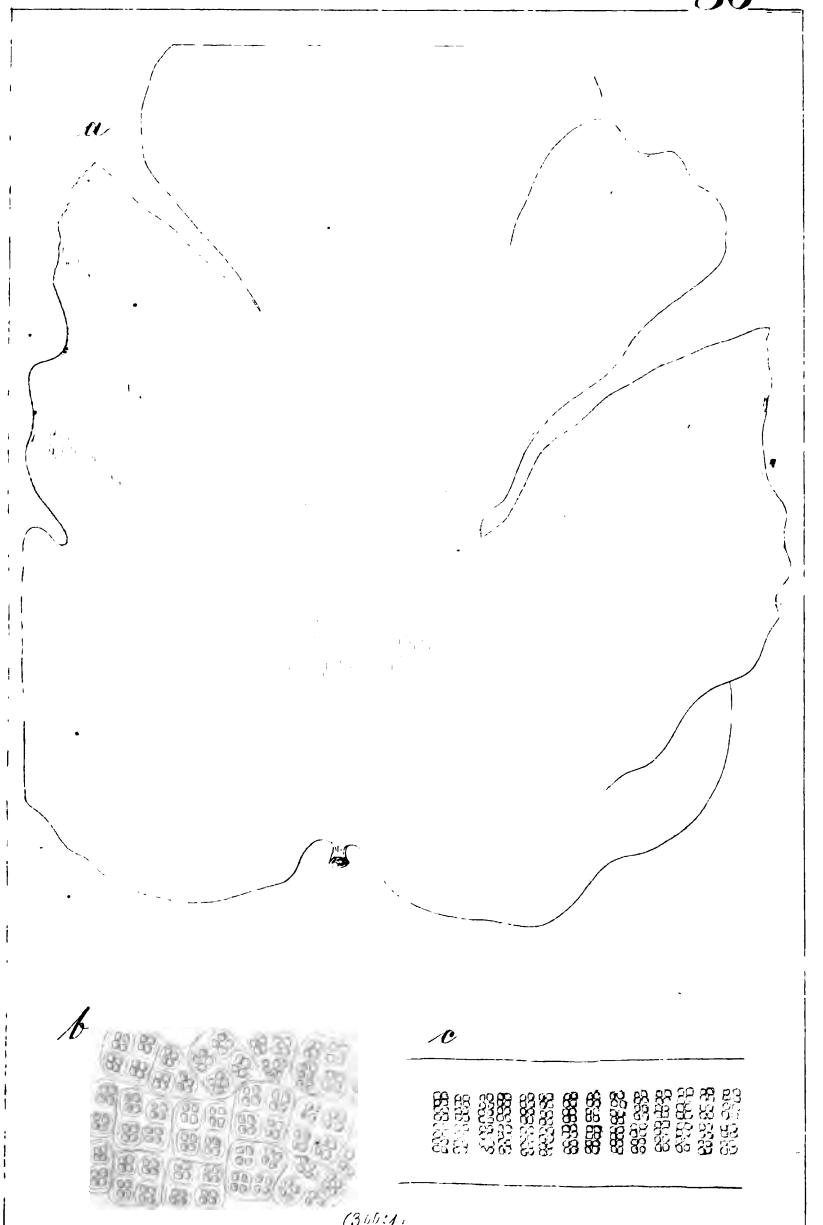
Digitized by Google

Porphÿra Augustinae

XIX

Digitized by Google

Digitized by Google



(300:1)

Porphyra capensis

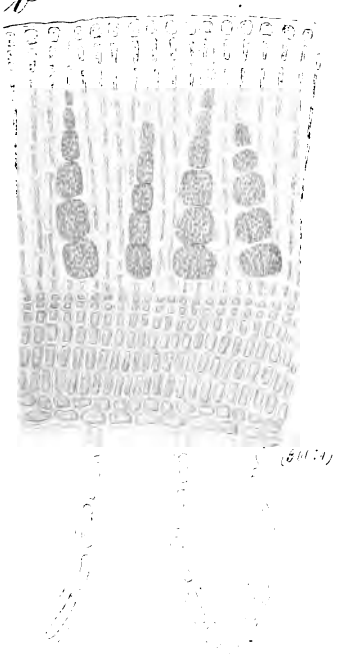
XIX

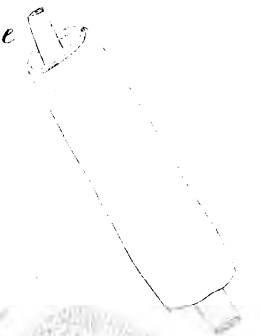
Kg. 7/5 1869

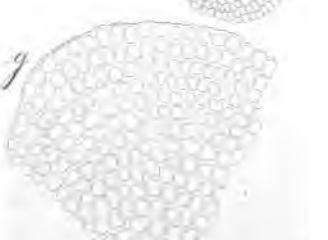
Digitized by Google

Digitized by Google

Peyssonelia





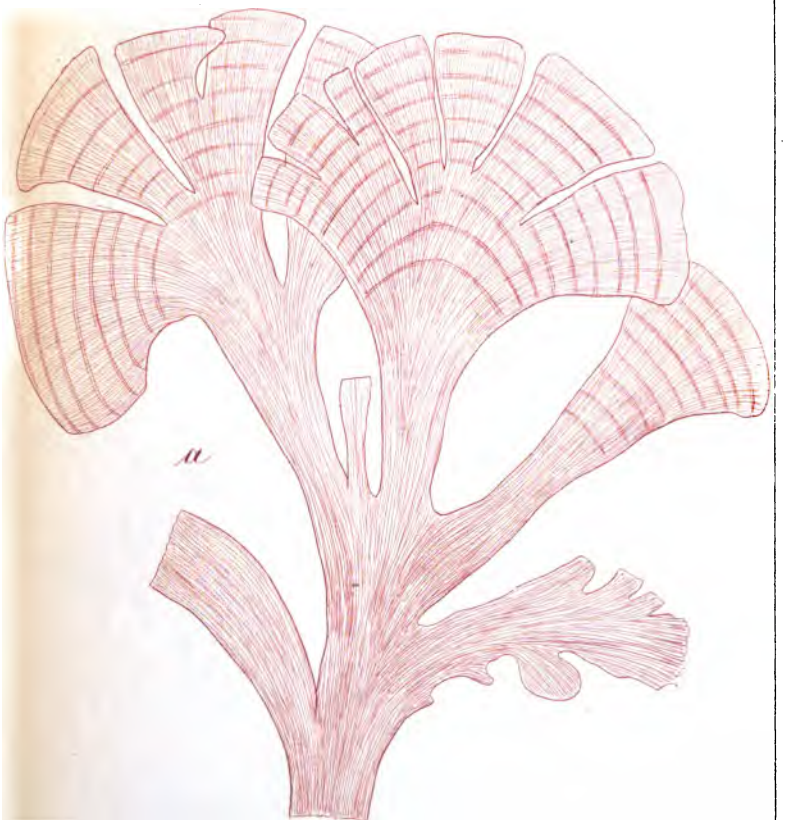


Squamaria involvens

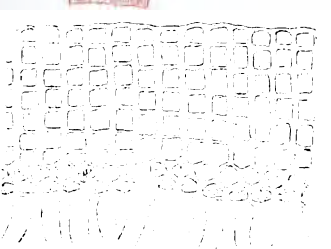
Digitized by Google

Digitized by Google

Peÿssonelia



b



major

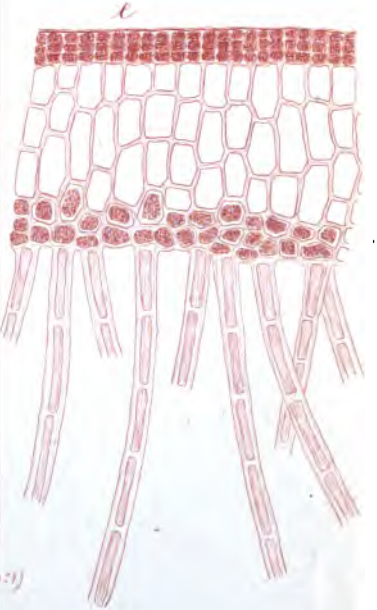
XIX

Kg. 11/5 1869

Digitized by Google

Digitized by Google

Perissonelia

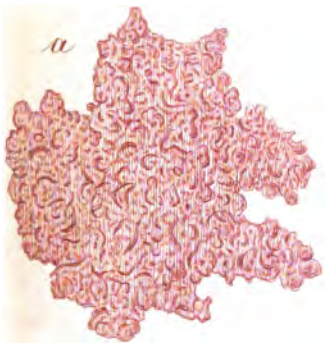


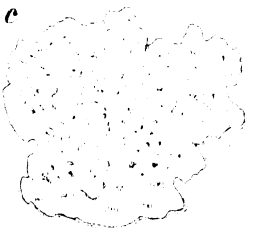
reptitata — umbilicata

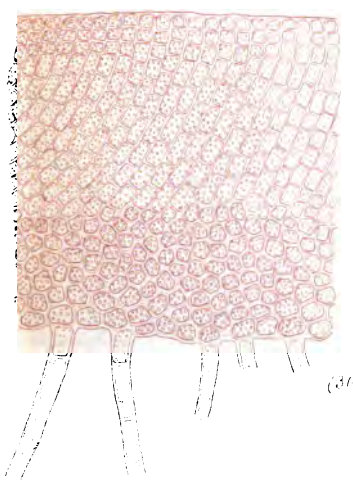
Digitized by Google

Digitized by Google

Pœssonelia







imbricata — *neocaledonica*

Digitized by Google

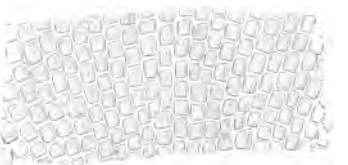
Digitized by Google

Hildenbrandtia

a

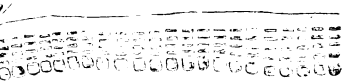
f

g



k

h



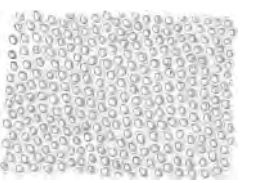
Dubyi — sanguinea

c

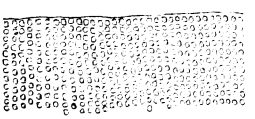
i

d

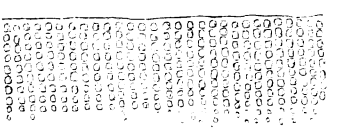
k



e



l



rosea — Vardi

Digitized by Google

Digitized by Google

Hapalidium

roseolum

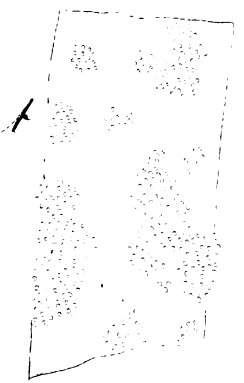
Phyllactidium

Kg. 20/5 1869

Digitized by Google

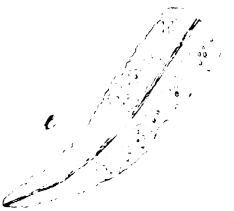
Digitized by Google

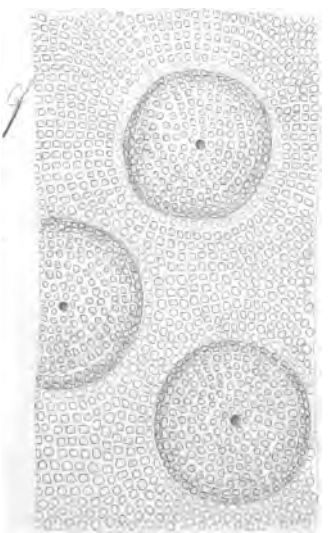
Pneophyllum



fragile

Melobesia





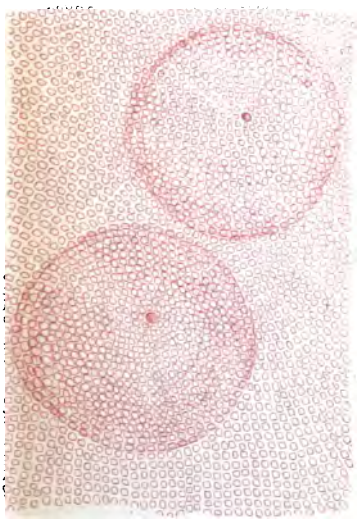
membranacea

Digitized by Google

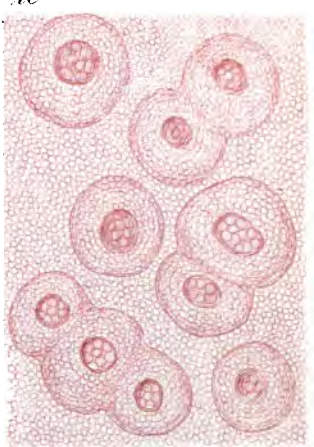
Digitized by Google

Melobesia

b



d

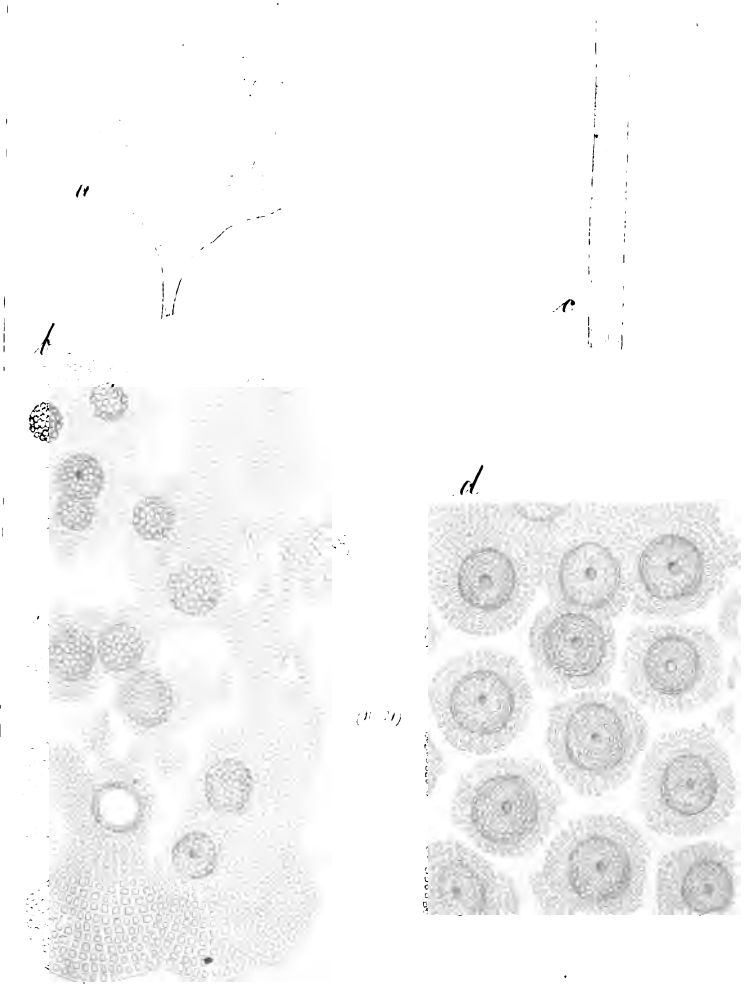


pustulata — *corticiformis*

Digitized by Google

Digitized by Google

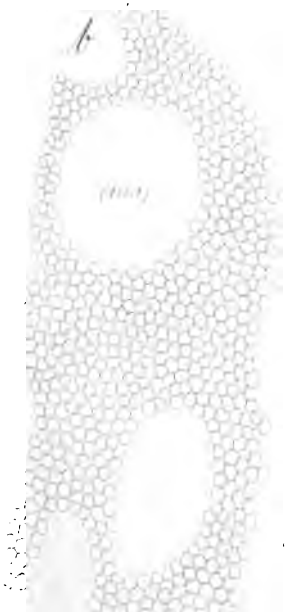
Melobesia

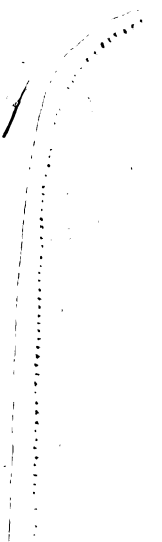


granulata — farinosa

Digitized by Google

Melobesia



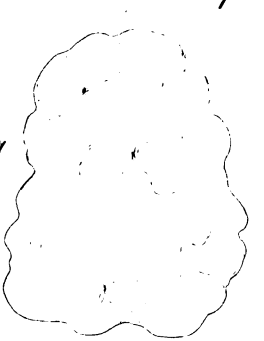


verrucata *antarctica*

Digitized by Google

Digitized by Google

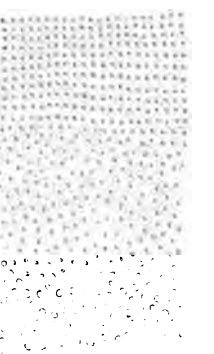
Spongites



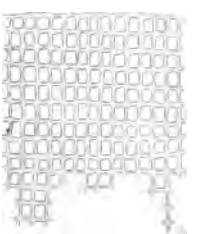
a

e

b



f



c

d

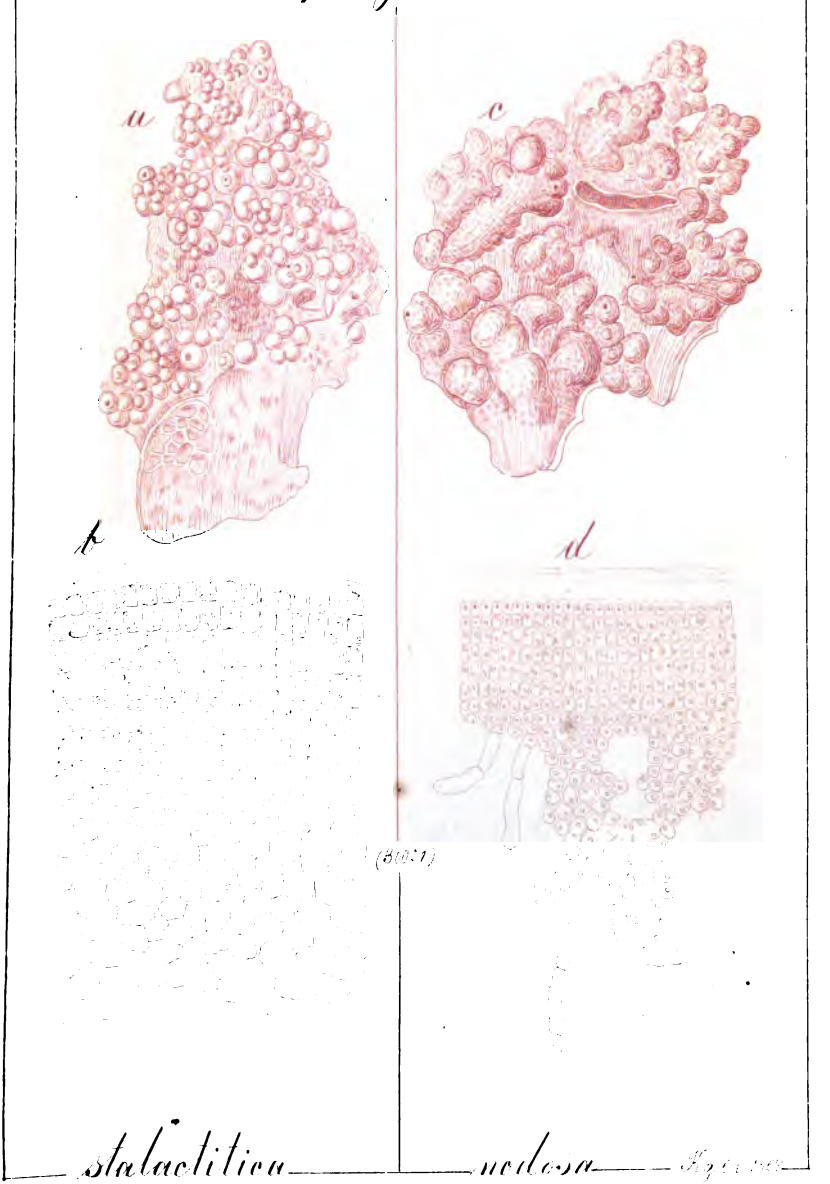
g

confluens — crustacea

Digitized by Google

Digitized by Google

Spongites



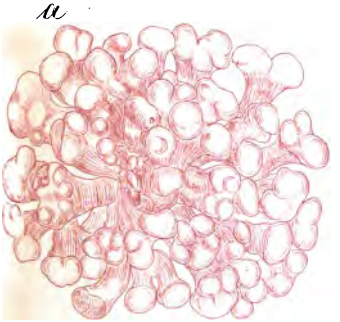
XIX

Digitized by Google

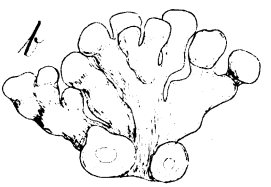
Digitized by Google

Spongites

a

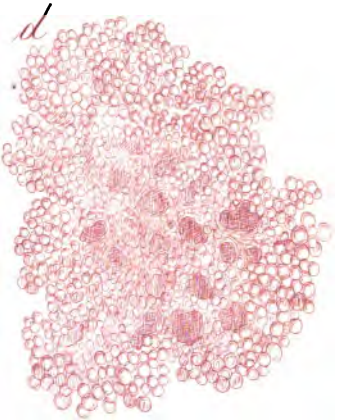


b



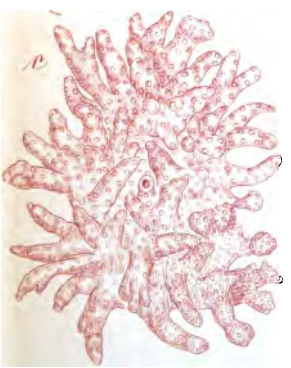
crassa

d



fruticulosa

c



ramulosa

e

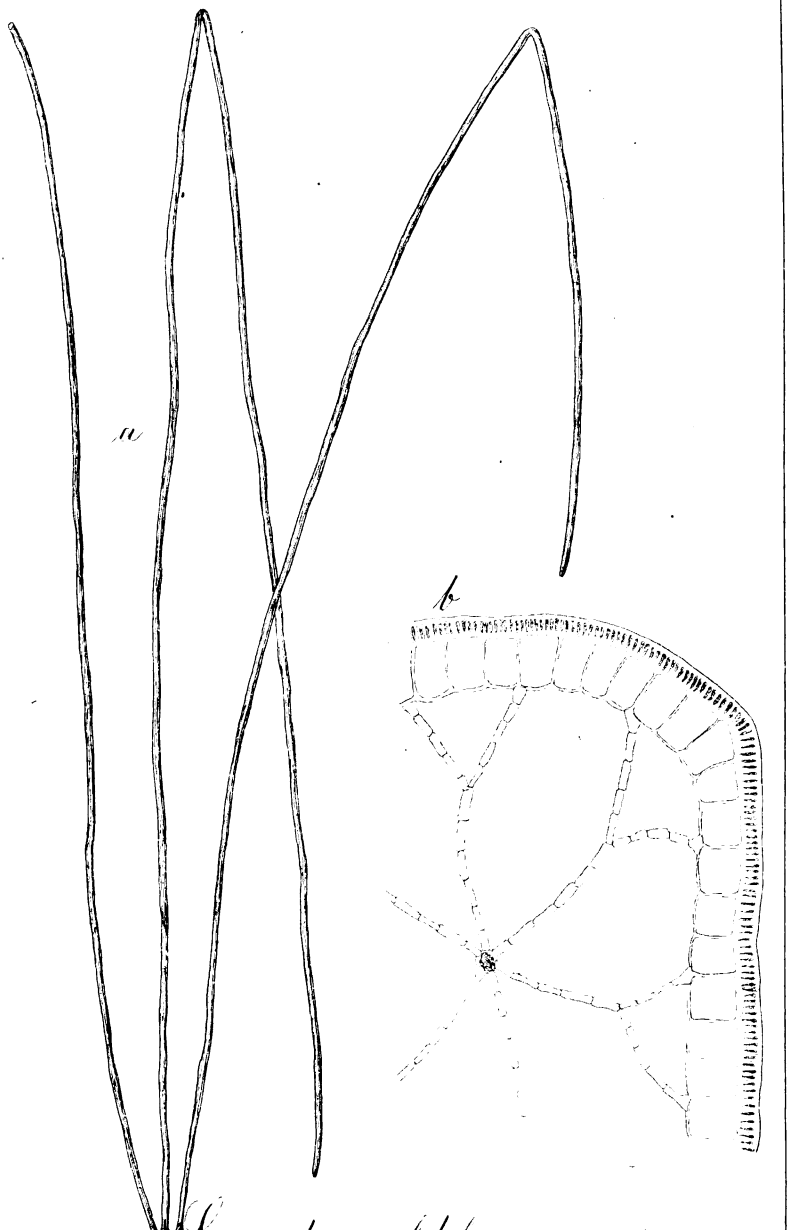
byssoides

Kg. 9, 6 1869

XIX

Digitized by Google

Digitized by Google



Syringodium filiforme Kg. v. p. 1869

XIX

Digitized by Google

Digitized by Google

TABULAE PHYCOLOGICAE

oder

Abbildungen der Tange.

Herausgegeben

von

Friedrich Traugott Kützing,
Doctor der Philosophie und Professor
zu Nordhausen.

Index

generum atque specierum.

(Register über sämmtliche Gattungen und Arten, welche in den 19 Bänden der Tabulae phycologicae abgebildet sind.)

Nordhausen,
gedruckt auf Kosten des Verfassers.
1871.

Digitized by Google

Digitized by Google

Vorrede.

Der grosse und gewaltige Krieg zwischen Deutschland und Frankreich hat den Druck dieses Registers verzögert. Jetzt, wo der Friede definitiv abgeschlossen und, wie wir hoffen, auf viele Jahre gesichert ist, wird sich die geistige Thätigkeit wieder ungehindert wissenschaftlichen Arbeiten zuwenden, und es ist mir eine grosse Freude, mein Werk, woran ich so viele Jahre — und zwar die besten meines Lebens — gearbeitet, mit diesem Register völlig abschliessen zu können.

Nordhausen, den 15. Mai 1871.

Der Verfasser.

Digitized by Google

Digitized by Google

Register

über sämmtliche Gattungen und Arten, welche in den 19 Bänden der **Tabulae phycologicae** abgebildet sind.

	Vol.	pag.
Acanthobolus		
brasiliensis	XVIII	4
Acanthoceras		
azoricum	XII	30
distans	"	29
echionotum	"	29
oxyacanthum	"	29
Shuttleworthianum	"	29
transcurrens	"	29
Acanthococcus		
Ewingii	XVI	27
subulatus	XIX	10
Acanthophora		
Antillarum	XV	27
Delilii	"	27
militaris	"	27
muscoides	"	27
orientalis	"	27
ramulosa	"	27
Thierii	"	27
Acanthotylus		
Heredia	XIX	28
Acetabularia		
caraibica	VI	33
crenata	"	33
mediterranea	"	32
Acrocarpus		
capitatus	XVIII	12
corymbosus	"	13
crinalis	"	11
delicatulus	"	12
gracilis	"	12
intricatus	"	12
lubricus	"	11
pulvinatus	"	13
pusillus	"	13
ramellosus	"	12
setaceus	"	12
spathulatus	"	13
spinescens	"	12

	Vol	pag.
Acrocladus		
mediterraneus	VI	32
Acroneuron		
australe	XVI	27
Acropeltis		
australis	XIX	12
elata	"	13
phyllophora	"	13
Acrosorium		
aglaophylloides	XIX	4
Acrotylus		
australis	XIX	13
Actinocephalus		
partitus	I	31
Actinococcus		
roseus	I	22
Adenocystis		
Lessonii	VIII	8
Aegagropila		
Agardhii	IV	13
Braunii	"	13
Coelothrix	"	15
composita	"	14
conglobata	"	15
cornea	"	13
corynarthra	"	15
Echinus	"	13
enormis	"	15
flaccida	"	16
Forscalii	"	14
fuliginosa	"	14
herpestica	"	14
holsatica	"	13
Leprieurii	"	12
Linnaei	"	13
Martensii	"	13
membranacea	"	14
Meneghiniana	"	15
modonensis	"	14

Digitized by Google

	Vol.	pag.
Aegagropila		
Montagneana	IV	14
muscoides	"	13
patentiramea	"	15
repens	"	15
Sauteri	"	13
socialis	"	15
subtilis	"	15
trichotoma	"	14
verticillata	"	14
Zollingeri	"	14
Aglaophyllum		
affine	XIX	3
chilense	"	1
ciliolatum	"	3
confervaceum	XVI	12
crispum	"	14
delicatulum	"	13
denticulatum	"	13
erosum	XIX	2
flabellulatum	"	3
Gunnianum	XVI	14
heterocarpum	"	14
maculatum	"	13
marginale	XIX	2
multipartitum	"	3
ocellatum	XVI	13
pristoideum	XIX	2
pulchellum	"	2
punctatum	XVI	13
Sandrianum	"	13
undulatum	"	14
versicolor	"	14
Vidovichii	"	12
Aglaozonia		
parvula	IX	31
reptans	"	31
Ahnfeldia		
gigartinoides	XIX	26
Ainactis		
alpina	II	20
calcarea	"	20
Allogonium		
confervaceum	III	10
Kochianum	"	10
tergestinum	"	10
Alsidium		
corallinum	XV	12
Helmintochorton	"	13
lanciferum	"	13

	Vol.	pag.
Alsidium		
subtile	XV	13
tenuissimum	"	13
Amansia		
Binderi	"	2
fasciculata	"	2
linearis	XIX	20
multifida	XV	2
prolifera	XIX	21
semipennata	XV	2
Amphiroa		
algeriensis	VIII	21
anceps	"	24
australis	"	24
Beauvoisii	"	21
Bowiesii	"	21
Bowerbankii	"	25
breviarticulata	"	21
charoides	"	25
cladoniaeformis	"	20
complanata	"	20
contracta	"	24
cretacea	"	22
cultrata 26	"	27
cuspidata	"	19
dilatata	"	25
dubia	"	24
elegans	"	26
ephedracea	"	22
exilis	"	24
firma	"	29
flabellata	"	28
fragilissima	"	18
fusoides	"	21
Gaillonii	"	22
galaxauroides	"	25
Gueinzii	"	22
heterocladia	"	28
interrupta	"	26
involuta	"	23
irregularis	"	19
linearis	"	22
multifida	"	27
nobilis	"	25
nodulosa	"	19
prolifera	"	28
pustulata	"	20
rigida	"	20
sagittata	"	28
setacea	"	19
Spina	"	19
Stangeri	"	28

Digitized by Google

	Vol.	pag.
Amphiroa		
stellata	VIII	25
stelligera	"	26
tasmannica	"	23
Tribulus	"	22
verrucosa	"	20
verruculosa	"	18
Amphithrix		
amethystea	I	45
amoena	"	45
barbata	"	45
crustacea	"	45
hospita	"	45
incrustata	"	45
Meneghiniana	"	45
rudis	"	45
thermalis	"	45
villosa	"	45
Anabaena		
brevis	"	50
bullosa	"	50
calida	"	51
chalybea	"	50
cuticularis	"	50
debilis	"	51
distans	"	50
flos aquae	"	51
granularis	"	51
Hederulae	"	50
infusionum	"	51
intricata	"	50
marina	"	50
microscopica	"	51
mollis	"	50
neapolitana	"	50
nodularia	"	50
obsoleta	"	51
punctata	"	50
rudis	"	50
stagnalis	"	50
subtilissima	"	49
vialis	"	50
Anacystis	I	7
marginata	"	6
Anadyomene		
flabellata	VII	9
Anthophycus		
longifolius	X	23
Apiocystis		
Brauniana	VI	24
Apophlaea Sinclairii	XIX	6
Areschougia		
australis	XIX	3
Arthrocladia		
australis	X	1
septentrionalis	"	1
villosa	"	1
Arthrosiphon		
densus	II	8
Grevillii	"	8
Ascothamnion		
intricatum	VI	31
Asparagopsis Delilei	XIV	32
Asperocaulon		
compressum	"	32
Asperococcus		
compressus	XI	21
Durvillaei	"	3
fistulosus	"	3
pusillus	"	4
tortilis	"	3
Astasia nivalis	I	1
Asterothrix		
microscopica	"	42
Baileya		
americana	VII	35
Ballia		
Callitricha	XII	12
Hombronii	"	12
Prieurii	"	12
Scoparia	"	3
Bangia		
amethystina	III	8
atropurpurea	"	9
aurantia	"	8
aureola	VI	14
bidentata	III	8
coccinea	"	9
coccinea-purpurea	"	9
compacta	"	8
corruscans	"	9
crispa	"	8
fusco-purpurea	"	9
globifera	"	9
investiens	"	8
lutea	"	8
malacensis	"	8
pallescens	"	9
pallida	"	8
parasitica	XIX	29

Digitized by Google

	Vol.	pag.
Bangia		
roseo-purpurea	III	9
subaequalis	"	8
tenuissima	"	8
versicolor	"	8
virescens	II	32
Batrachospermum		
affine	III	6
americanum	"	6
claviceps	"	7
coerulescens	"	7
detersum	"	6
dimorphum	VII	36
giganteum	III	6
guyanense	"	7
moniliforme	"	6
Suevorum	"	7
vagum	"	7
Beggiatoa		
iridescens	I	27
leptomitiformis	"	26
Raineriana	"	26
Bindera		
cupressina	XII	16
splachnoides	XIX	7
Blennothrix		
vermicularis	I	49
Blossevillea		
botryocystis	X	26
Brownii	"	26
campylocoma	"	28
caudata	"	27
cephalornithos	"	29
decipiens	"	29
dumosa	"	26
expansa	"	30
fallax	"	31
flaccida	"	29
Grevillii	"	28
heterophylla	"	30
intermedia	"	27
oocystis	"	29
paniculata	"	27
paradoxa	"	31
pectinata	"	27
penicillifera	"	28
polycystidea	"	29
racemosa	"	30
retroflexa	"	27
spartioides	"	28
subfarcinata	"	26

	Vol.	pag.
Blossevillea		
thyrsigera	X	29
torulosa	"	26
uvifera	"	28
xiphocarpa	"	30
Bonnemaisonia		
apiculata	XV	12
asparagoides	"	12
Pilularia	"	12
Bostrychia		
calamistrata	"	8
calliptera	"	8
cornigera	"	9
Harveyi	"	8
Hookeri	"	8
intricata	"	9
Leprieurii	"	9
mixta	"	8
monosiphonia	"	9
pilifera	"	10
pilulifera	"	7
radicans	"	8
rivularis	"	9
scorpioides	"	7
sertularina	"	9
vaga	"	8
Vieillardi	"	10
Botrydina		
vulgaris	I	8
Botrydium		
argillaceum	VI	19
pyriforme	"	20
Wallrothii	"	20
Botryocarpa prolifera	XVI	3
Botryococcus		
Braunii	VI	25
Botryocystis		
Morum	I	7
Volvox	"	7
Botryoglossum		
platycarpum	XVI	2
Bryopsis		
abietina	VI	28
adriatica	"	28
Arbuscula	"	29
australis	"	28
Balbisiana	"	27
caudata	"	27
cespitosa	"	26
corymbosa	"	28
cupressoides	"	26

Digitized by Google

	Vol.	pag.
Bryopsis		
dalmatica	VI	26
dichotoma	"	27
disticha	"	27
fastigata	"	26
flagellata	"	28
furcellata	"	26
Gasparrinii	"	29
Leprieurii	"	27
muscosa	"	29
myosuroides	"	27
Myura	"	29
penicillata	"	28
Pennatula	"	27
plumosa	"	29
ramulosa	"	26
Rosae	"	29
secunda	"	26
subunalis	"	30
tenuissima	"	26
thuyoides	"	28
Bryothamnion		
hypnoides	XV	12
Lindenbergii	"	11
ramellosum	"	11
Seaforthii	"	11
triangulare	"	11
Bulbochaete		
Brebissonii	IV	19
Jürgensii	"	19
minor	"	19
minutissima	"	18
parvula	"	19
setigera	"	18
Bulbotrichia		
botryoides	"	22
peruana	"	22
Calliblepharis		
ciliata	XVIII	5
conspersa	XIX	14
fimbriata	XVIII	4
jubata	"	5
ornata	"	5
Callithamnion		
abbreviatum	XI	26
acanthopterum	"	26
affine	"	24
Arbuscula	XIV	30
barbatum	XI	23
Batrachospermum	"	28

	Vol.	pag.
Callithamnion		
Borreri	XI	23
byssaceum	"	19
caudatum	"	25
clandestinum	"	22
clavatum	"	21
clavellatum	"	22
comosum	"	21
condensatum	"	28
Crouanii	"	22
crouanioides	XIV	32
cruciatum	XI	28
Daviesii	"	18
elegans	"	32
flabellatum	"	25
flaccidum	"	27
floccosum	"	26
floridulum	"	20
gorgoneum	XII	1
gracile	XI	25
gracillimum	"	23
Grevillii	"	31
griffithsioides	"	22
hirtum	XII	2
humile	XI	19
interruptum	"	20
intricatum	"	20
Lenormandi	"	18
luxurians	"	19
micropterum	XII	1
microscopicum	XI	19
minutissimum	"	18
mirabile	"	20
multifidum	"	29
myurum	"	28
nanum	XII	1
nodulosum	XI	29
Orbignyanum	"	29
pedicellatum	"	21
pedunculatum	"	22
peregrinum	"	25
piliferum	"	18
pinnato-furcatum	XII	5
planum	XI	23
Pluma	"	26
plumosum	"	24
Plumula	"	27
polyacanthum	"	27
Ptilota	"	27
Pubes	"	18
pygmaeum	"	19
Pylaisii	"	29
ramellosum	"	19

Digitized by Google

	Vol.	pag.
Callithamnion		
refractum	XI	27
repens	"	22
rigidulum	"	25
roseolum	"	22
Rothii	"	20
scoparium	XII	3
scopulorum	XI	23
secundatum	"	18
semipennatum	"	24
sessile	"	21
simile	"	26
spinescens	"	28
subtilissimum	"	19
subverticillatum	"	26
tenuissimum	"	21
ternifolium	"	28
Thouarsii	"	27
thuyoides	"	24
Turneri	"	26
utriculosum	"	21
variabile	"	20
ventricosum	"	20
venustissimum	XII	1
Vieillardi	XIII	2
villosum	XI	28
Callymenia		
dentata	XVII	22
Calophyllis		
acrodonta	"	25
antarctica	"	27
coccinea	"	27
cristata	"	27
dichotoma	"	27
discigera	"	25
Hombroniana	"	26
Hookeri	"	26
laciniata	"	25
ornata	"	26
sobolifera	"	27
tenera	"	26
variegata	"	25
Calothrix		
Brebissonii	II	8
cespitosa	"	8
Dillwynii	"	8
interrupta	"	12
Leineri	"	8
mirabilis	"	8
pulchra	"	8
radiosa	"	8
stuposa	"	8

	Vol	pag.
Calothrix		
Tomasiniana	II	8
Wrangelii	"	8
Capsosira		
Brebissonii	"	26
Carpacanthus		
biformis	XI	14
dentifolius	"	12
Gaudichaudii	"	12
glomeratus	"	14
ilicifolius	"	15
incisifolius	"	14
lacerifolius	"	13
latifolius	"	15
Liebmannii	"	13
oligophyllus	"	12
parvifolius	"	12
platycarpus	"	13
racemosus	"	14
Saltii	"	12
spinulosus	"	15
Suhrii	"	13
trichophyllus	"	12
Turneri	"	13
vestitus	"	15
Carpoblepharis		
ceylanica	XIX	15
flaccida	XII	19
mediterranea	XVI	30
pinnatifolia	XII	19
Carpocaulon		
digitatum	XV	16
mediterraneum	"	16
Carpodesmia		
Opuntioides	X	13
Carpoglossum		
confluens	"	8
constrictum	"	8
Carpomitra		
angustata	IX	39
Cabrera	"	37
caudata	"	38
Chytraphora	"	37
Halyseris	"	39
inermis	"	38
Novae Hollandiae	"	37
Carpophyllum		
flexuosum	XI	16
macropyllum	"	16
maschalocarpum	"	16

Digitized by Google

	Vol.	pag.
Carpothamnion		
Laurencia	XVIII	5
Castraltia		
Salicornoides	XI	16
Catenella		
impudica	XV	33
major	XVI	25
Opuntia	"	25
pinnata	"	25
Caulacanthus		
fastigatus	XVIII	3
horridulus	"	4
rigidus	"	3
spinellus	"	4
ustulatus	"	3
Caulerpa		
corynephora	VII	4
dactyloides	"	7
denticulata	"	3
distichophylla	"	4
falcata	"	3
fastigata	"	1
Freycinetii	"	2
Harveyana	"	3
Lessonii	"	3
Lycopodium	"	6
mamillosa	"	6
mexicana	"	3
najadiformis	"	2
pectinata	"	3
plumaris	"	4
pusilla	"	1
remotifolia	"	4
scalpelliformis	"	3
serrata	"	2
Sonderi	"	4
superba	"	4
taxifolia	"	3
verticillata	"	1
Zeyheri	"	4
Celeceras		
monile	XII	29
Centroceras		
brachyacanthum	XIII	8
cryptacanthum	"	7
hyalacanthum	"	7
inerme	"	7
leptacanthum	"	7
macracanthum	"	7
micracanthum	"	7
oxyacanthum	"	7

	Vol.	pag.
Ceramium		
Agardhianum	XII	24
aucklanticum	XIII	3
barbatum	"	4
brachiatum	XII	2
Derbesi	XIII	5
capense	"	3
diaphanoides	"	5
dichotomum	"	6
divaricatum	"	5
flagelliferum	"	4
flagelligerum	"	6
floribundum	"	6
furcellatum	"	4
involutum	"	3
irregulare	"	4
lanciferum	"	4
leptophlaeum	"	3
Lessonii	"	3
macrocarpum	"	5
nodosum	XII	24
obsoletum	XIII	4
ordinatum	"	3
penicillatum	XII	24
planum	XIII	5
rigidulum	XII	24
roseolum	XI	19
rubrum	XIII	2
spiniferum	"	6
spinoso-pilosum	"	6
spinuliferum	"	6
villosum	"	5
Chaetangium		
dichotomum	XIX	18
Hystrix	"	18
ornatum	"	18
Chaetococcus		
violaceus	I	51
viridis	V	1
Chaetomorpha		
aerea	III	19
alternata	"	19
antennina	"	19
baltica	"	17
Billardierii	"	19
brachyarthra	"	18
Callithrix	"	17
chlorotica	"	18
clavata	"	19
coliformis	"	20
crassa	"	19
dalmatica	"	18

Digitized by Google

	Vol.	pag.
Chaetomorpha		
Dubyana	III	18
fibrosa	"	17
gallica	"	18
gracilis	"	17
herbacea	"	18
implexa	"	17
indica	"	17
javanica	"	17
ligustica	"	17
linoides	"	17
Linum	"	18
Melagonium	"	19
nodosa	"	17
pachynema	"	19
pacifica	"	19
Picquotiana	"	19
princeps	"	19
restricta	"	17
reticulata	"	18
rigida	"	18
setacea	"	18
slesvicensis	"	18
tortuosa	"	17
torulosa	"	19
urbica	"	18
variabilis	"	18
vasta	"	18
Chaetophora		
atra	"	4
cervicornis	"	5
elegans	"	5
endiviaefolia	"	5
flagellifera	"	5
longipila	"	4
monilifera	"	5
pisiformis	"	4
punctiformis	"	4
radians	"	4
Schweinitzii	"	6
tuberculosa	"	5
Chaetopteris		
plumosa	VI	3
squamulosa	"	3
Chamaedoris		
annulata	"	31
Champia		
compressa	XV	30
Kotschyana	"	32
lumbricalis	"	30
tasmanica	"	30
Vieillardi	XVI	14

	Vol.	pag.
Chantransia		
alpina	V	15
amethystea	"	14
chalybea	"	14
coccinea	"	15
dalmatica	"	14
fontana	"	15
hercynica	"	15
Hermanni	"	15
investiens	"	15
Leibleini	"	14
major	"	14
muscicola	"	14
pygmaea	"	15
radians	"	14
scotica	"	14
violacea	"	15
Chara		
aculeolata	VII	27
algeriensis	"	29
alopecuroidea	"	18
armata	"	30
aspera	"	21
australis	"	11
baltica	"	26
barbata	"	18
Behriana	"	32
brachypus	"	29
capensis	"	28
capillacea	"	23
ceratophylla	"	29
chilensis	"	29
clavata	"	32
Commersonii	"	31
compressa	"	30
congesta	"	17
connivens	"	26
contraria	"	25
Corallina	"	32
coronata	"	17
crassicaulis	"	25
crinita	"	27
curta	"	22
Ecklonii	"	19
equisetina	"	27
filiformis	"	19
firma	"	26
fragilis	"	22
gymnophylla	"	21
gymnopitys	"	21
Hedwigii	"	23
heterophylla	"	19
hispida	"	26

Digitized by Google

	Vol.	pag
Chara		
Hookeri	VII	20
Hornemannii	"	20
inconstans	"	28
intermedia	"	28
jubata	"	19
Karelini	"	28
Kirghisorum	"	31
Krausii	"	22
longibracteata	"	25
macropogon	"	19
Michauxii	"	31
microphylla	"	20
myriophylla	"	20
nivea	"	22
Nolteana	"	26
oahuensis	"	32
papillosa	"	28
plebeja	"	11
polyphylla	"	24
Preissii	"	18
pusilla	"	28
refracta	"	24
Schweinitzii	"	31
scoparia	"	18
seminuda	"	24
spinosa	"	18
spondylophylla	"	27
squamosa	"	21
"	"	29
stelligera	"	11
stricta	"	24
strigosa	"	25
subglabra	"	30
subtilis	"	21
Tasmannica	"	16
tatarica	"	31
tomentosa	"	29
trichodes	"	23
ulvoides	"	11
virgata	"	23
vulgaris	"	24
zeylanica	"	30
Characium		
acuminatum	VI	25
minutum	"	25
Sieboldi	"	25
Chauvinia		
Brownii	VII	6
cactoides	"	6
Chemnitzia	"	6
clavigera	"	6

	Vol.	pag.
Chauvinia		
cupressoides	VII	6
cylindrica	"	6
ericifolia	"	5
flexilis	"	7
furcifolia	"	6
hydnoides	"	7
imbricata	XIX	4
indica	VII	5
laete virens	"	6
macrophysa	"	6
mamillosa	"	6
obscura	"	7
paspaloides	"	7
peltata	"	7
phleoides	"	7
pusilla	"	1
sedoides	"	6
Selago	"	5
simpliciuscula	"	6
Webbiana	"	7
Chlorococcum		
crassum	I	4
infusionum	"	4
monas	"	4
Chloronema		
sphacelarioides	V	29
Chloropteris		
Leprieurii	VI	1
Chlorosiphon		
pusillus	"	18
"	IX	4
Shuttleworthianus	VI	18
Chlorotylium		
cataractarum	V	12
compactum	"	12
mammiforme	"	12
Chnoospora		
atlantica	IX	36
fastigiata	"	36
implexa	"	36
pacifica	"	36
pannosa	"	36
Chondroclonium		
Chamissoi	XVII	20
Chauvini	"	21
canaliculatum	"	21
corniculatum	"	20
horridum	"	20
lividum	"	20
nigritum	"	20

Digitized by Google

	Vol.	pag.
Chondroclonium		
Teedii	XVII	20
versicolor	"	21
Chondrococcus		
abscissus	XVII	29
filiformis	"	28
Lambertii	"	28
spinulosus	XVIII	11
squarrosus	XVII	29
Chondrodictyon		
capense	"	6
Chondrodon		
flaccidus	XVIII	25
Suhrii	"	25
Chondrosiphon		
compressus	XV	28
mediterraneus	"	28
Meneghinianus	"	29
Novae Hollandiae	"	28
radicans	"	28
rigidus	"	28
splachnoides	XIX	7
uncinatus	XV	28
Chondrothamnion		
australe	XV	29
chiloense	"	29
clavellosum	"	29
divaricatum	"	30
irregulare	"	29
Chondrus		
affinis	XVII	15
agathoicus	"	16
bidens	"	17
canaliculatus	"	15
capensis	XVI	21
"	XVII	17
celticus	"	17
coarctatus	"	18
coccineus	"	18
complicatus	"	17
concinnus	"	17
congestus	"	17
coriaceus	"	16
crispus	"	14
disciplinalis	"	16
divaricatus	"	16
duriusculus	"	18
edulis	"	19
elongatus	"	15
furcellatus	"	16
incurvatus	"	14

	Vol.	pag.
Chondrus		
polycladus	XVII	16
rhodophyllus	"	18
scabiosus	"	19
scutellatus	"	16
tenuis	"	15
umbellatus	"	17
vermicularis	"	18
violaceus	"	15
Wrightii	"	18
Chorda		
capensis	VIII	5
Filum	"	6
rimosa	"	7
Chordaria		
capensis	"	5
Cladosiphon	IX	2
Dictyosiphon	"	2
flagelliformis	VIII	5
Chroolepus	IV ~~VI~~	
abietinum		20
aurantiacum	"	21
aureum	"	21
coeruleum	"	20
flavum	"	22
hercynicum	"	22
irregulare	"	21
Jolithus	"	22
moniliforme	"	22
odoratum	"	21
oleiferum	"	21
riparium	"	20
rupestre	"	21
umbrinum	"	21
velutinum	"	21
villosum	"	22
Chthonoblastus		
aerugineus	I	38
anguiformis	"	38
atropurpureus	"	37
bryophilus	"	38
confluens	"	38
Lyngbyei	"	38
monticola	"	38
oligothrix	"	38
paludosus	"	48
repens	"	37
salinus	"	38
Vaucherii	"	37
Chrysymenia		
tenera	XV	34

Digitized by Google

	Vol.	pag.
Chylocladia		
fasciata	XV	31
phalligera	"	33
uncinata	"	28
Chytraphora		
filiformis	IX	37
Cladhymenia		
conferta	XIV	33
foliifera	"	33
Gunnii	XVII	25
Cladophora		
afra	IV	11
albida	"	4
allantoidea	"	4
alyssoidea	III	25
anisogona	"	27
Bertolonii	IV	2
brachyclados	"	8
brachyclona	III	27
Bruzelii	IV	5
calida	"	11
callicoma	"	8
canalicularis	"	9
cannabina	"	7
catenata	III	24
catenifera	"	24
ceratina	IV	5
chilensis	"	10
Chlorothrix	"	2
clavigera	"	10
Comatula	III	24
comosa	"	23
"	IV	9
conglomerata	III	26
corymbifera	IV	2
crispata	"	8
cristata	"	5
Crouani	III	27
crystallina	IV	4
curvata	"	9
curvula	"	3
dalmatica	"	3
declinata	"	8
delicatula	VI	1
dichlora	IV	12
diffusa	III	25
divaricata	"	27
dubia	IV	12
Eckloni	"	1
Engelmanni	"	11
expansa	III	27
falcata	IV	3

	Vol.	pag.
Cladophora		
falklandica	IV	9
fasciculatis	III	26
fasciculata	IV	7
flaccida	III	26
flagelliformis	"	23
flavescens	IV	5
flavida	"	5
flexicaulis	"	1
Flotowiana	"	11
fluitans	"	8
fracta	"	10
Froelichiana	III	26
fruticulosa	"	24
fuscescens	"	26
Giraudyi	IV	12
glaucescens	"	5
glebifera	"	6
globulina	"	12
glomerata	"	7
gossypina	"	11
gracilis	"	5
gracillima	"	4
hamosa	"	2
heterocladia	"	10
heteropsis	III	25
hirta	IV	1
holsatica	"	13
hormocladia	III	25
hospita	"	23
humilis	IV	1
Hutchinsiae	III	25
hyalina	IV	11
insignis	"	8
javanica	"	9
lacustris	"	12
laete virens	"	3
laxa	III	27
Lehmanniana	"	26
lepidula	IV	3
leucocoma	III	24
liniformis	IV	7
linoides	"	8
longiarticulata	III	26
longicoma	IV	6
longissima	"	8
lubrica	"	6
lutescens	"	5
Macallana	III	25
macrogonya	IV	8
margaritifera	"	12
mauritanica	"	3
mediterranea	"	1

Digitized by Google

Cladophora	Vol.	pag.
Montagneana	IV	9
multifida	III	24
mutila	IV	5
Neesiorum	"	2
nitida	"	6
nitidissima	"	3
nitidula	III	25
nuda	IV	1
oedogonia	VI	1
oligoclona	IV	11
ovoidea	III	26
patens	"	27
pectinicornis	IV	3
pellucida	III	24
penicillata	"	27
plumosa	IV	6
Plumula	"	6
prolifera	III	24
pumila	IV	4
putealis	"	11
ramellosa	"	4
ramosissima	"	1
ramulosa	III	25
rectangularis	"	28
refracta	IV	2
reticulata	"	4
rigidula	"	10
Rissoana	III	25
Roettleri	IV	10
Ruchingeri	"	6
Rudolphiana	"	6
rupestris	"	1
sacculifera	III	24
scitula	IV	3
scoparia	III	24
secunda	IV	11
sericea	"	4
sertularina	"	2
setiformis	"	8
simpliciuscula	"	7
sirocladia	III	25
sordida	IV	12
spinulifera	"	3
spinulosa	"	2
strepens	"	10
stricta	III	24
striolata	IV	2
subpectinata	"	2
subsimplex	"	11
subulifera	"	2
sudetica	"	9
Suhriana	III	26

Cladophora	Vol	pag.
tenella	IV	6
tenerrima	"	4
tenuis	"	2
Thoreana	"	4
tranquebariensis	"	9
trichocoma	"	6
utriculosa	III	26
vadorum	IV	4
vaga	"	4
valonioides	III	25
vaucheriaeformis	"	23
verticillata	"	23
vesiculosa	"	25
viadrina	IV	10
virgata	III	23
"	"	27
viridula	IV	5
Cladosiphon		
Chordaria	IX	2
Dictyosiphon	"	2
Giraudii	VIII	6
mediterraneus	"	6
nigrescens	IX	1
zostericola	"	1
Cladostephus		
antarcticus	VI	4
australis	"	5
Bolleanus	"	5
densus	"	4
hedwigioides	"	4
Myriophyllum	"	5
spongiosus	"	4
tomentosus	"	5
Cladothele		
Decaisnei	IX	32
filiformis	"	32
Montagnei	"	32
Claudea		
elegans	XIX	21
multifida	"	21
Coccochloris		
margaritacea	I	10
muscicola	"	10
Orsiniana	"	12
Pila	"	14
quaternata	"	15
stagnina	"	14
Coccophora		
Langsdorfii	XI	15
Phyllamphora	"	15

Digitized by Google

	Vol	pag.
Coccotylus		
Brodiaei	XIX	27
Codium adhaerens	VI	35
amphibium	"	34
arabicum	"	35
Bursa	"	35
damaecorne	"	34
difforme	"	35
elongatum	"	34
Lindenbergii	"	34
Mülleri	"	34
tenue	"	33
tomentosum	"	33
Coelocystis		
Kuetzingiana	"	25
Coelosphaerium		
Kuetzingianum	"	25
Coleochaete		
prostrata	IV	20
pulvinata	"	20
scutata	"	19
Compsopogon		
aerugineus	VII	35
chalybeus	"	35
coeruleus	"	35
Corinaldii	"	35
leptocladus	"	36
Conferva		
abbreviata	III	14
affinis	"	14
amoena	"	15
Ansonii	"	15
Antillarum	"	15
aureo-fulva	"	15
bombycina	"	14
Crouani	"	27
dubia	"	14
flaccida	"	14
floccosa	"	14
fontinalis	"	15
fugacissima	"	14
Funkii	"	14
glacialis	"	14
globulifera	"	14
inaequalis	"	14
laevis	"	14
nubecula	"	14
olivacea	V	28
pallescens	III	14
pallida	"	14
punctalis	"	13

	Vol.	pag.
Conferva		
punctifera	III	15
radicans	V	26
rectangularis	III	28
repens	IV	15
restricta	III	17
rhypophila	"	13
scrobiculorum	"	15
serpens	"	15
sordida	"	14
subaequalis	"	15
subsetacea	"	16
subtilis	"	14
tenerrima	"	13
utriculosa	"	14
villosa	X	1
viridi-fusca	III	16
Contarinia		
australis	X	10
Corallina		
adhaerens	VIII	40
anceps	"	24
"	"	30
antennina	"	40
arbuscula	"	29
attenuata	"	37
Berterii	"	32
bifurca	"	41
Calliptera	"	34
carinata	"	30
ceratoides	"	36
clavigera	"	36
conglutinata	"	12
constricta	"	40
corniculata	"	33
"	"	39
cretacea	"	22
crispata	"	34
cristata	"	38
cubensis	"	37
cupressina	"	33
Cuvierii	"	33
cylindrica	"	14
densa	"	31
denudata	"	34
elegans	"	42
ephedracea	"	23
fastigiata	"	38
Filicula	"	29
filiformis	"	42
flabellata	"	29
"	"	31

Digitized by Google

	Vol.	pag.
Corallina		
frondescens	VIII	29
gibbosa	"	39
gomphonemacea	"	30
gracilis	"	35
granifera	"	31
indurata	"	14
intermedia	"	37
"	"	42
lapidescens	"	18
lichenoides	"	14
longifurca	"	37
marginata	"	16
muscoides	"	42
nana	"	41
natalensis	"	38
officinalis	"	32
palmata	"	29
pedunculata	"	37
pilifera	"	35
pilulifera	"	31
"	"	42
planiuscula	"	31
plumifera	"	34
Plumula	"	41
pumila	"	39
pygmaea	"	37
racemosa	"	41
rigida	"	30
rosea	"	34
rubens	"	38
" concatenata	"	40
spathulifera	"	31
spermophorus	"	39
squamata	"	36
subulata	"	33
tenella	"	41
tenuissima	"	40
Tribulus	"	22
trichocarpa	"	35
tridens	"	41
Turneri	"	34
verrucosa	"	38
virgata	"	36
Corallocephalus		
affinis	"	13
barbatus	VII	8
eriophorus	VIII	13
Lamourouxii	"	13
penicillus	VII	8
Corallopsis		
australasica	XIX	10

	Vol.	pag.
Corticularia		
arcta	V	23
brachiata	"	24
fuscata	"	23
Naegeliana	"	24
tenella	"	24
verminosa	"	23
Corynephora		
baltica	VIII	1
flaccida	"	3
marina	"	2
umbellata	"	1
Corynophlaea		
baltica	"	1
flaccida	"	3
Crenacantha		
orientalis	IV	18
Cruoria		
pellita	VII	36
Cryptacantha		
crinita	X	20
flaccida	"	20
squarrosa	"	20
Cryptonemia		
crenulata	XIX	11
luxurians	"	12
Cryptopleura		
americana	XVI	11
Bonnemaisonii	"	11
crispata	"	10
Crozieri	"	11
Curdieana	XIX	1
Durvillaei	XVI	11
Griffithsiana	XIX	1
Hilliae	XVI	11
lacerata	"	10
livida	"	12
minor	"	10
palmata	XIX	2
Smithii	XVI	11
versicolor	"	11
Curdiaea		
laciniata	XIX	12
obtusata	"	12
undulata	"	11
Cutleria		
adspersa	IX	19
compressa	"	18
dalmatica	"	18
dichotoma	"	18
fibrosa	"	18

Digitized by Google

	Vol.	pag.
Cutleria		
intricata	IX	18
multifida	"	19
naevosa	"	13
penicillata	"	18
Cylindrocystis		
Brebissonii	I	19
endospira	"	19
mellea	"	18
Cylindrospermum		
anisococcum	"	53
arenicola	"	53
Carmichaelii	"	53
circinale	"	52
conglobatum	"	52
elongatum	"	53
Felisii	"	53
granuliferum	"	52
humicola	"	53
leptospermum	"	53
licheniforme	"	52
limicola	"	53
macrospermum	"	53
majus	"	53
mesoleptum	"	53
muscicola	"	53
polyspermum	"	53
Ralfsii	"	53
riparium	"	52
spirale	"	52
Cymatonema		
confervaceum	III	15
Cymopolia		
barbata	VII	9
bibarbata	"	9
Cystoclonium		
filiforme	XVIII	6
furcellatum	XIX	14
Gaudichaudii	XVIII	6
Grevilii	"	6
obtusangulum	"	6
patens	"	5
pumilum	"	6
purpurascens	"	6
turgidulum	"	6
Cystophora		
botryocystis	X	26
monilifera	"	27
retroflexa	"	27
Sonderi	"	29

	Vol.	pag.
Cystophyllum		
australe	XI	11
Cystosira		
abrotanifolia	X	17
aurantia	"	16
barbata	"	16
barbatula	"	17
cephalornithos	"	29
discors	"	19
divaricata	"	18
elata	"	17
fimbriata	"	18
foeniculacea	"	19
glomerata	"	18
Hoppii	"	16
humilis	"	18
hypocarpa	"	19
Lepidium	"	19
leptocarpa	"	17
macrocarpa	"	18
microcarpa	"	18
opuntioides	"	14
paniculata	"	17
Phyllamphora	"	15
pumila	"	18
spicigera	"	20
squarrosa	"	17
thesiophylla	"	13
thyrsigera	"	29
zosteroides	"	14
Dasya		
arbuscula	XIV	30
bulbochaete	"	23
calliptera	"	28
Callithamnion	"	28
capillaris	"	26
ceramioides	"	27
cervicornis	"	31
Cliftoni	"	25
collabens	"	25
crassipes	"	26
crouanioides	"	32
dalmatica	"	26
decipiens	"	23
dubia	"	28
elegans	"	21
elongata	"	24
extensa	"	21
Feredayae	"	24
frutescens	"	24
Gibbesii	"	27

Digitized by Google

	Vol.	pag.
Dasya		
Gunniana	XIV	29
Haffiae	"	24
hapalothrix	"	23
Harveyi	"	26
hormoclados	"	27
jadertina	"	24
Kuetzingiana	"	21
Lallemandi	"	26
Laurenciana	"	25
lophoclados	"	7
mollis	XV	1
mucronata	XIV	25
Muelleri	"	29
multiceps	"	27
Naccaroides	"	23
ocellata	"	22
pallescens	"	22
pellucida	"	32
plumigera	"	29
punicea	"	22
ramosissima	"	25
scoparia	"	23
Solieri	"	31
spongiosa	"	30
subsecunda	"	28
tasmannica	"	23
tenera	XV	1
tingens	XIV	27
Tumanowiczi	"	22
verticillata	"	30
villosa	"	21
Wrangelioides	"	28
Wurdemanni	"	29
Dasyactis		
Biasolettiana	II	23
brunnea	"	23
Kunzeana	"	23
minutula	"	23
Naegeliana	"	23
plana	"	23
rivularis	"	23
salina	"	23
torfacea	"	23
Dasycladus		
clavaeformis	VI	32
cylindricus	"	32
Dasygloea		
amorpha	I	43
Dasyphila		
Preissii	XII	20
Dasyphlaea		
insignis	XVIII	7
Delesseria		
amansioides	XIX	4
Baerii	"	5
crassinervia	XVI	5
Daviesii	"	7
dichotoma	"	10
endiviaefolia	XIX	4
Griffithsia	"	1
hypoglossoides	"	5
involvens	"	5
laciniata	XVI	8
Léprieurii	"	5
ovalifolia	"	5
quercifolia	"	8
rigida	XIX	4
sanguinea	XVI	7
serrulata	XIX	4
spathulata	"	5
tasmannica	"	4
tenerrima	XVI	13
tenuifolia	XIX	5
Delisea		
elegans	XVIII	24
fimbriata	"	24
pulchra	"	24
serrata	"	24
Desmarestia		
aculeata	IX	40
affinis	"	41
anceps	"	41
chordalis	"	41
distans	"	41
filiformis	"	32
herbacea	"	42
hybrida	"	39
intermedia	"	40
latifrons	"	40
ligulata	"	42
media	"	40
Menziesii	"	39
pinnatifida	"	16
Rossii	"	41
viridis	"	39
Desmotrichum		
balticum	VI	2
cervicorne	"	3
Laminariae	"	3
plumosum	"	3
Dicranema		
furcellatum	XIX	14

Digitized by Google

	Vol.	pag.
Dicranema		
revolutum	XIX	14
Dictyomenia		
fimbriata	XIV	34
Harveyana	"	33
myriacantha	"	33
prolifera	"	34
"	XIX	21
Sonderi	XIV	34
spinulosa	"	34
tridens	"	33
volubilis	"	35
Dictyonema		
membranaceum	II	12
Dictyosiphon		
fasciculatus	VI	19
foeniculaceus	"	18
fragilis	"	19
hippuroides	"	19
Lyallii	"	19
ramellosus	"	19
simplex	"	19
Dictyosphaeria		
favulosa	VII	10
Dictyota		
abyssinica	IX	9
acuminata	"	7
acuta	"	7
acutiloba	"	13
aequalis	"	9
affinis	"	6
angustissima	"	10
Antiquae	"	16
attenuata	"	6
Bartayresiana	"	8
Brongniartii	"	15
cervicornis	"	11
ceylanica	"	11
ciliata	"	12
ciliolata	"	12
cirrosa	"	8
crenulata	"	8
cuspidata	"	9
dentata	"	15
denticulata	"	12
dichotoma	"	5
Diemensis	"	14
divaricata	"	10
elongata	"	6
Fasciola	"	10
fastigata	"	13
fibrosa	"	7

	Vol.	pag.
Dictyota		
furcellata	IX	11
grandis	"	14
implexa	"	7
indica	"	8
intricata	"	7
Kunthii	"	13
latifolia	"	6
ligulata	"	8
linearis	"	9
liturata	"	16
Mertensii	"	15
minor	"	10
naevosa	"	13
Notarisii	"	11
obtusangula	"	13
ornata	"	12
paniculata	"	15
Pappeana	"	16
pardalis	"	16
polycarpa	"	14
polyclada	"	10
polypodioides	"	14
prolifera	"	5
pusilla	"	11
radicans	"	15
repens	"	5
Sandvicensis	"	13
Schroederi	"	21
sibenicensis	"	5
simplex	"	5
spinigera	"	10
spinulosa	"	12
spiralis	"	7
striolata	"	8
subdentata	"	14
verrucosa	"	9
volubilis	"	7
vulgaris	"	6
Dictyurus		
occidentalis	XII	20
Digenia		
Vieillardi	XV	11
Wulfeni	"	11
Diplostromium		
tenuissimum	VI	16
undulatum	"	16
Dolichospermum		
anisococcum	I	54
Felisii	"	54
inaequale	"	53

Digitized by Google

	Vol.	pag.
Draparnaldia		
acuta	III	3
comosa	"	4
distans	"	4
glomerata	"	3
nudiuscula	"	4
ornata	"	4
plumosa	"	3
pulchella	"	4
spinosa	"	3
uniformis	"	2
Drilosiphon		
Julianus	II	5
muscicola	"	5
Dumontia		
capensis	XVI	28
coronata	"	28
decapitata	"	28
fastigata	"	29
filiformis	"	29
firma	"	28
hydrophora	"	28
lanceolata	"	29
Lepechini	"	28
mollis	"	29
ovalis	"	29
saccata	"	27
sobolifera	"	29
Echinocaulon		
hispidum	XVIII	13
ramelliferum	"	14
rigidum	"	14
spinellum	"	14
strigosum	"	14
Echinoceras		
armatum	XII	27
ciliatum	"	26
diaphanum	"	27
distans	"	28
hirsutum	"	27
horridum	"	27
Hystrix	"	27
imbricatum	"	27
julaceum	"	27
nudiusculum	"	28
patens	"	28
pellucidum	"	28
puberulum	"	28
ramulosum	"	28
secundatum	"	28

	Vol.	pag.
Echinoceras		
spinulosum	XII	28
tenellum	"	27
Ectocarpus		
abbreviatus	V	17
acanthoides	"	18
acanthophorus	"	16
aleuticus	X	1
amphibius	V	19
approximatus	"	18
arabicus	"	21
arctus	"	23
auratus	"	23
bombycinus	"	21
breviarticulatus	"	18
capensis	"	17
ceratoides	"	18
cespitulus	"	19
compactus	"	23
corymbosus	"	19
crinitus	"	21
cruciatus	"	16
divaricatus	"	18
draparnaldiaeformis	"	20
erectus	"	22
fasciculatus	"	17
flagelliformis	"	19
flavescens	"	19
fluviatilis	"	20
globifer	"	16
gracillimus	"	18
Hinksiae	"	17
humilis	"	21
intermedius	"	16
irregularis	"	19
Kochianus	"	21
lanosus	"	21
litoralis	"	23
lumbricalis	"	18
macroceras	"	20
major	"	17
minutulus	"	16
monocarpus	"	22
ochraceus	"	19
ochroleucus	"	20
Oedogonium	"	20
onustus	"	22
oophorus	"	21
parvulus	"	21
patens	"	20
polycarpus	"	17
pusillus	"	16
radiciformis	"	19

Digitized by Google

	Vol.	pag.
Ectocarpus		
ramellosus	V	23
refractus	"	17
rigidulus	"	21
rigidus	"	20
rufulus	"	18
rufus	"	20
Sandrianus	"	17
secundus	"	16
siliculosus	"	17
simpliciusculus	"	22
spalatinus	"	19
sphaerophorus	"	16
spinosus	"	16
squarrosus	"	19
subulatus	"	19
subverticillatus	"	23
tenellus	"	22
terminalis	"	22
velutinus	"	22
venetus	"	20
verminosus	"	23
Vidovichii	"	18
Elachista		
scutellata	VII	38
Encoelium		
bullosum	IX	4
clathratum	"	21
Cystosirae	"	4
Durvillaei	"	3
echinatum	"	3
fistulosum	"	3
intricatum	"	3
Mac-Gregorii	"	4
ramosissimum	"	3
sinuosum	"	4
tortile	"	3
Entophysalis		
granulosa	I	22
Entospira		
closteridia	"	24
Enteromorpha		
acanthophora	VI	12
africana	"	14
aureola	"	14
clathrata	"	12
complanata	"	14
compressa	"	13
confervacea	"	15
corniculata	"	13
crinita	"	14
crispa	"	14

	Vol.	pag.
Enteromorpha		
fucicola	VI	12
fulvescens	"	15
gelatinosa	"	16
Hookeriana	"	13
intestinalis	"	11
Jürgensii	"	15
Linkiana	"	15
marginata	"	15
micrococca	"	11
minima	"	16
Novae Hollandiae	"	14
paradoxa	"	12
pilifera	"	11
polyclados	"	13
ramellosa	"	15
ramulosa	"	12
salina	"	13
spermatoidea	"	11
spinescens	"	12
tubulosa	"	11
Entothrix		
funicularis	I	43
Epineuron		
fraxinifolium	XIV	35
lineatum	"	35
spirale	"	35
Epiglossum		
Smithii	XVI	4
Epymenia		
maxima	XIX	15
membranacea	"	15
obtusa	"	15
Erythroclonium		
angustatum	"	14
Muelleri	XVI	25
Euactis		
aeruginea	II	24
amoena	"	23
atra	"	23
calcivora	"	24
chrysocoma	"	24
confluens	"	24
fluviatilis	"	25
Heeriana	"	25
hemisphaerica	"	24
hospita	"	24
Jurgensii	"	24
lacustris	"	25
Lenormandiana	"	24
Lens	"	24

Digitized by Google

	Vol.	pag.
Euactis		
ligustica	II	24
marina	"	23
mollis	"	25
pachynema	"	23
plicata	"	24
prorumpens	"	24
Regeliana	"	25
rivularis	"	25
rufescens	"	25
scardonitana	"	25
Shuttleworthiana	"	25
Euchemna		
Gelidium	XIX	8
Euctenodus		
Billardieri	XVIII	24
echinatus	"	25
Euhymenia		
capensis	XVII	22
carnosa	XVI	35
dentata	XVII	22
dichotoma	"	21
divisa	"	23
Dubyi	"	23
Harveyana	"	23
Lactuca	"	21
Limensis	XVI	34
luxurians	XIX	12
papulosa	XVII	22
polychotoma	"	22
reniformis	"	23
reptans	XVI	32
Requienii	XVII	24
schizophylla	"	23
seminervis	"	21
Vidovichii	"	22
Eupogodon		
cervicornis	XIV	31
flabellatus	"	31
planus	"	31
spinellus	"	31
Eupogonium		
Callithamnion	"	28
capillare	"	26
dubium	"	28
hormoclados	"	27
rigidulum	"	30
squarrosum	"	30
villosum	"	30
Euptilota		
formosissima	XII	18
Euptilota		
Harveyi	XII	18
Pappeana	"	18
Fauchea		
repens	XVIII	25
Fischeria		
thermalis	IV	20
Flabellaria		
conglutinata	VIII	12
Palmetta	"	12
Fucus		
balticus	X	6
Cabrera	IX	37
canaliculatus	X	6
capensis	"	7
ceranoides	"	6
chondrophyllus	"	7
compressus	"	6
confluens	"	8
Desvauxii	XI	8
distichus	X	6
evanescens	"	5
fastigiatus	"	7
furcatus	"	7
inermis	IX	38
interruptus	"	27
Kakiloides	X	21
Lamourouxii	VII	6
lendigerus	XI	6
leptophyllus	X	6
limitaneus	"	6
linearis	"	7
lineatus	XIV	35
lutarius	X	7
Peniculus	VI	32
Pilularia	XV	12
Rosa marina	XVII	24
Saltii	XI	12
serratus	X	5
Sherardi	"	6
Tournefortii	IX	26
triangularis	XV	11
uvifer	VII	6
Veprecula	XIX	20
verruculosus	XI	11
vesiculosus	X	5
Woodwardia	IX	22
Furcellaria		
fastigata	XVII	29
lumbricalis	"	30

Digitized by Google

	Vol.	pag.
Galaxaura		
annulata	VIII	14
canaliculata	"	16
cylindrica	"	14
dilatata	"	17
indurata	"	14
lapidescens	"	18
lichenoides	"	14
linearis	"	17
marginata	"	16
oblongata	"	16
obtusata	"	16
plicata	"	15
rugosa	"	15
spongiosa	"	15
tomentosa	"	18
umbellata	"	15
Gastridium		
corallinum	XV	34
Gastroclonium		
Chiajeanum	"	35
obovatum	"	35
ovale	"	35
reflexum	"	36
Salicornia	"	36
subarticulatum	"	35
umbellatum	"	35
Uvaria	"	35
Gattya		
pinella	XVI	20
Gelidium		
acrocarpum	XIX	8
aculeatum	XVIII	3
Amansii	"	16
apiculatum	"	22
asperulum	"	15
asperum	"	15
capillaceum	"	18
cartilagineum	"	15
claviferum	"	19
coarctatum	"	21
coerulesceus	"	19
compositum	"	17
confervicola	"	21
constrictum	"	21
corallinum	"	19
corneum	"	17
crinitum	"	16
decipiens	"	17
dentatum	"	22
elegans	"	18
fastigatum	"	21

	Vol.	pag.
Gelidium		
glandulaefolium	XVIII	16
hypnoides	"	17
intricatum	"	12
lanceolatum	"	17
lingulatum	"	23
linoides	"	20
lucidum	"	15
microdon	"	22
micropterum	"	21
miniatum	"	20
mirabile	"	21
multicorne	"	23
oppositifolium	"	11
pectinatum	"	20
pinnatum	"	17
polyacanthum	"	23
polycladum	"	19
"	XIX	9
pristoides	XVIII	23
proliferum	"	19
"	XIX	9
pulchellum	XVIII	18
radicans	"	16
ramelliferum	"	14
repens	"	21
rigidum	"	16
scoparium	"	16
secundatum	XIX	9
seminudum	XVIII	15
sericeum	"	18
serratum	"	22
sesquipedale	"	18
setaceum	"	18
spinulosum	"	22
supradecompositum	"	19
torulosum	"	20
tripinnatum	XIX	9
variabile	"	9
vittatum	XVIII	23
Geocyclus		
oscillarinus	II	18
Gigartina		
acicularis	XVIII	1
aculeata	"	3
ancistroclada	"	2
compressa	"	1
crocea	"	2
disticha	XIX	7
falcata	XVIII	2
filiformis	"	1
flabellata	"	2

Digitized by Google

	Vol.	pag.
Gigartina		
flabellata	XIX	6
flagelliformis	XVIII	2
"	XIX	7
isiformis	XVIII	3
longipes	IX	35
ornata	XVIII	3
pinnata	XIX	6
pistillata	XVIII	1
prolifera	XIX	26
speciosa	XVIII	3
spinosa	"	3
subulata	XIX	10
Ginnania		
carnosa	XVI	30
furcellata	"	24
irregularis	"	24
pulvinata	"	24
salicornoides	"	25
undulata	"	24
Gloeocapsa		
aeruginosa	I	17
ampla	"	14
atrata	"	17
botryoides	"	15
compacta	"	24
confluens	"	14
conglomerata	"	15
coracina	"	17
cryptococoa	"	15
cryptococcoides	"	15
didyma	"	14
fenestralis	"	15
gelatinosa	"	15
granosa	"	25
livida	"	17
magma	"	17
mellea	"	18
microphthalma	"	25
monococca	"	18
montana	"	14
muralis	"	17
palea	"	15
Paroliniana	"	24
Peniocystis	"	25
polydermatica	"	15
protuberans	"	15
purpurea	"	18
quaternata	"	15
Ralfsiana	"	18
rubicunda	"	17
rupestris	"	17

	Vol.	pag.
Gloeocapsa		
sanguinolenta	I	18
Shuttleworthiana	"	18
squamulosa	"	18
stillicidiorum	"	15
violacea	"	25
Gloeopeltis		
tenax	XVIII	4
Gloeosiphonia		
capillaris	XVI	24
Gloeotila		
caldaria	III	10
cateniformis	"	10
chlorosira	"	10
concatenata	"	10
ferruginea	"	9
Hormosiphon	"	15
hyalina	"	10
mucosa	"	10
pallida	"	10
protogenita	"	10
tectorum	"	10
Gomphosphaeria		
aponina	I	22
Gongroceras		
Agardhianum	XII	24
chilense	XIII	2
corniculatum	XII	25
Deslongchampii	"	24
fastigatum	"	24
macrogonium	"	26
microdendron	"	26
nodiferum	"	24
"	"	30
pellucidum	"	24
penicillatum	"	24
ramulosum	"	25
strictum	"	24
subtile	XIII	1
tenuicorne	XII	25
tenuissimum	"	25
ungulatum	"	25
Gongrosira		
clavata	IV	23
dichotoma	"	22
ericetorum	"	23
pygmaea	"	23
Sclerococcus	"	23
Goniotrichum		
ceramicola	III	7
dichotomum	"	7

Digitized by Google

	Vol.	pag.
Gracilaria		
Domingensis	XIX	8
dumosa	"	8
erecta	XVIII	5
obscura	XIX	8
Grammita		
subulata	XIII	18
Grateloupia		
aucklandica	XVII	2
caudata	"	7
concatenata	"	7
conferta	"	7
Consentinii	"	10
coriacea	"	9
cuneifolia	"	10
Cutleriae	"	11
denticulata	"	11
dichotoma	"	9
emarginata	"	9
filicina	"	7
filiformis	"	8
fimbriata	"	9
furcata	"	7
gorgonioides	"	9
horrida	"	8
Lanceola	"	8
lancifolia	"	10
neglecta	"	8
opposita	"	9
Pennatula	"	8
porracea	"	8
prolongata	"	7
Proteus	"	10
schizophylla	"	11
scutellata	"	8
verruculosa	"	10
Griffithsia		
antarctica	XII	8
arachnoidea	"	11
Argus	"	6
barbata	"	8
Binderiana	"	8
chilensis	"	7
Corallina	"	7
crinita	"	7
cymiflora	"	8
dalmatica	"	9
devoniensis	"	9
Duriaei	"	11
furcellata	"	10
globulifera	"	10
grandis	"	7

	Vol.	pag.
Griffithsia		
heteromorpha	XIII	2
irregularis	XII	9
ligustica	"	10
neapolitana	"	9
opuntioides	"	9
phyllamphora	"	10
pogonoides	"	8
radicans	"	11
ramellosa	"	10
repens	"	11
Schousboei	"	9
secundiflora	"	8
setacea	"	7
sphaerica	"	9
subverticillata	"	8
tasmannica	"	7
tenuis	"	10
Gulsonia		
annulata	XVI	23
Gyges sanguineus	I	1
Gymnogongrus		
amicus	XIX	25
comosus	"	25
densus	"	24
filiformis	"	25
foliosus	"	23
furcatus	"	24
furcellatus	"	24
gigartinoides	"	26
glomeratus	"	24
Griffithsiae	"	24
implicatus	"	26
ligulatus	"	23
nodosus	"	26
parthenopaeus	"	25
plicatus	"	25
Polyides	"	26
pygmaeus	"	24
setaceus	"	25
tentaculatus	"	24
Gymnophlaea		
Biasolettiana	XVI	21
canariensis	"	21
caulescens	"	22
dichotoma	"	21
furcellata	"	21
gracilis	XVII	1
incrassata	XVI	21
prismatica	"	21

Digitized by Google

	Vol.	pag.
Haematococcus		
Noltii	I	7
Orsinii	"	2
pluvialis	"	2
Halarachnion		
aciculare	XVI	30
elongatum	"	35
ligulatum	"	30
Naegelii	"	30
pinnulatum	"	31
spathulatum	"	31
ventricosum	"	31
Halerica		
aculeata	X	15
amentacea	"	15
corniculata	"	14
ericoides	"	14
lupulina	"	15
sedoides	"	15
selaginoides	"	15
squarrosa	"	16
tenuis	"	16
vulpina	"	15
Halidrys		
osmundacea	"	23
siliquosa	"	23
Haligone		
rosea	XVI	23
Halimeda		
brevicaulis	VIII	11
cuneata	VII	8
macroloba	"	8
monile	VIII	11
multicaulis	VII	8
obovata	VIII	11
Opuntia	VII	8
tridens	"	9
triloba	"	9
Tuna	"	8
Halochloa		
longifolia	X	35
macracantha	"	34
micracantha	"	34
pachycarpa	"	34
pallida	"	33
patens	XI	1
polyacantha	X	34
schizophylla	XI	1
scoparia	X	33
serratifolia	"	35

	Vol.	pag.
Halochloa		
siliquastrum	X	34
tortilis	"	34
Halodictyon		
mirabile	XII	12
Haloglossum		
Griffithsianum	IX	21
Halopitys		
australasica	XV	10
elata	"	15
pinastroides	"	10
Haloplegma		
africanum	XII	19
Cornu Damae	"	19
Duperreyi	"	19
Preisii	"	19
Halopteris		
filicina	V	25
sertularia	"	25
Halorhiza		
vaga	VIII	11
Halosaccion		
coronatum	XVI	28
cylindricum	"	28
decapitatum	"	28
firmum	"	28
hydrophorum	"	28
Lepechini	"	28
saccatum	"	27
Halurus		
equisetifolius	XII	11
simplicifilum	"	11
Halymenia		
capensis	XVI	21
carnosa	"	35
"	XVII	6
ceylanica	XVI	33
chondricola	"	33
Cliftoni	"	33
cyclocolpa	"	34
elongata	"	35
Floresia	"	31
formosa	"	33
lapathifolia	"	35
latifolia	"	34
latissima	"	33
"	"	35
Limensis	"	34
Monardiana	XVII	1
Muelleri	XVI	34
Novae Zeelandiae	"	31

Digitized by Google

	Vol.	pag.
Halymenia		
patens	XVI	34
pinnulata	"	31
Platyna	XVII	5
pusilla	XVI	32
reptans	"	32
spataeformis	"	32
spathulata	"	31
tenuispina	XVII	1
trigona	XVI	32
Usnea	XVII	1
ventricosa	XVI	31
Halyseris		
australis	IX	22
delicatula	"	23
dichotoma	"	23
Justii	"	22
ligulata	"	24
macrocarpa	"	23
Muelleri	"	23
pardalis	"	24
plagiogramma	"	23
polypodioides	"	22
sandvicensis	"	23
serrata	"	24
Woodwardia	"	22
Hanowia		
australis	XII	12
Hapalidium		
Phyllactidium	XIX	33
roseolum	"	33
Hapalosiphon		
Braunii	II	9
Hennedya		
crispa	XIX	14
Herpochaeta		
fastigata	VII	1
verticillata	"	1
Heteractis		
mesenterica	II	20
pruniformis	"	20
Heterocladia		
prolifera	XVI	3
Hildenbrandtia		
Dubyi	XIX	32
Nardi	"	33
rosea	"	32
sanguinea	"	32
Himanthalia		
australis	X	3
Himanthalia		
gladiata	X	3
lorea	"	3
Hormoceras		
acrocarpum	XIII	1
Biasolettianum	XII	23
cateniforme	"	22
Catenula	"	22
circinnatum	"	21
confluens	"	22
decurrens	"	22
diaphanum	"	21
duriusculum	"	22
flaccidum	"	21
fruticulosum	"	23
gracillimum	"	21
lobatum	"	30
moniliforme	"	21
nodosum	"	20
perversum	"	23
polyceras	"	20
polygonum	"	21
"	"	30
pulchellum	"	23
pygmaeum	"	23
siliquosum	"	23
syntrophum	"	23
transfugum	"	30
variegatum	"	23
Hormocystis		
Kuetzingiana	XI	28
Hormophysa		
articulata	X	22
latifrons	"	22
triquetra	"	22
Hormosiphon		
coriaceus	II	4
furfuraceus	"	4
granularis	"	5
gypsophilus	"	4
heterothrix	"	5
inundatus	"	7
irregularis	"	4
lichenoides	"	4
macrosiphon	"	4
macrosporus	"	4
margaritaceus	"	4
natans	"	8
papyreus	"	4
stagnalis	"	7
tenuissimus	"	4

Digitized by Google

	Vol.	pag.
Hormosira		
Banksii	X	2
Billardierii	"	2
gracilis	"	2
nodularia	"	2
obconica	"	2
pumila	"	2
Sieberi	"	2
Hormospora		
mutabilis	II	26
plena	"	26
transversalis	"	26
Hormotrichum		
albicans	III	20
bangioides	"	20
Carmichaelii	"	20
collabens	"	21
didymum	"	20
fasciculare	"	20
flaccum	"	20
globiferum	"	20
gracile	"	20
isogonum	"	20
penicilliforme	"	20
vermiculare	"	20
viridi-fuscum	"	16
Wormskioldii	"	21
Youngianum	"	20
Hydrococcus		
Brebissonii	I	23
Bremii	"	37
rivularis	"	23
ulvaceus	"	23
Hydrocoleum		
Brebissonii	"	35
calcilegum	II	24
helveticum	I	39
heterotrichum	"	36
homoeotrichum	"	35
lyngbyaceum	"	37
Meneghinianum	"	36
thermale	"	38
Hydrocytium		
acuminatum	VI	25
Hydrodictyon		
utriculatum	V	11
Hydropuntia		
Urvillaei	XVII	28
Hydroclathrus		
cancellatus	IX	21

	Vol.	pag.
Hydrurus		
crystallophorus	I	24
Ducluzelii	"	23
flagelliformis	"	24
irregularis	"	24
Leibleinii	"	23
penicillatus	"	23
sporochnoides	"	24
Vaucherii	"	23
Hymenena		
fimbriata	XVI	9
fissa	"	9
Hypheothrix		
aeruginea	II	24
Braunii	I	41
Bremiana	"	41
calcarea	"	41
cataractarum	"	42
Confervae	"	41
coriacea	"	41
cyanea	"	42
delicatula	"	42
fasciculata	"	42
fonticola	"	42
Hegetschweileri	"	40
incrustata	"	42
involvens	"	42
lateritia	"	41
Leveilleana	"	41
Meneghinii	"	41
Naegelii	"	42
pallida	"	42
pulvinata	"	42
Regeliana	"	41
scopulorum	"	42
subcontinua	"	41
subtilis	"	41
toficola	"	42
turicensis	"	42
variegata	"	40
violacea	"	41
vulpina	"	41
Zenkeri	"	41
Hypnaea		
alopecuroides	XVIII	8
aspera	"	14
ceramioides	"	8
charoides	"	8
chordacea	"	10
conferta	"	10
denudata	"	8
divaricata	"	9

Digitized by Google

	Vol.	pag.
Hypnaea		
Eckloni	XVIII	9
episcopalis	"	10
erecta	"	10
Esperi	"	9
fruticulosa	"	10
hamulosa	"	7
Harveyi	"	10
hippuroides	"	7
musciformis	"	7
pannosa	"	9
rigens	"	8
Rissoana	"	7
rugulosa	"	9
secundiramea	"	11
setacea	"	11
spicifera	"	10
spinella	"	9
uncinata	"	8
vaga	"	8
Valentiae	"	7
Hypoglossum		
alatum	XVI	7
angustissimum	"	7
bipinnatifidum	"	6
carpophyllum	"	7
confervaceum	"	5
crassinervium	"	5
crispum	"	6
denticulatum	"	6
endiviaefolium	XIX	4
Leprieurii	XVI	5
Lyalii	"	6
minutum	"	6
Muelleri	"	5
ruscifolium	"	5
spathulatum	XIX	5
Vieillardi	XVI	4
Woodwardii	"	5
Jania cf. Corallina		
Jeanerettia		
latifolia	XVI	2
lobata	"	2
Inactis		
corsicana	I	44
crustacea	"	44
italica	"	44
pulvinata	"	44
tornata	"	44
vaginata	"	44

	Vol.	pag.
Inochorion		
cervicorne	XVI	9
dichotomum	"	9
Inoderma		
fontanum	I	13
lamellosum	"	13
Inomeria		
granulosa	II	25
Roemeriana	"	25
umbilicata	"	26
Iridaea		
carnosa	XVII	5
ciliata	"	4
cordata	"	2
cornea	"	6
curvata	"	5
Cutleriae	"	11
dentata	"	5
dichotoma	"	5
edulis	"	2
"	"	29
elliptica	"	2
fimbriata	"	3
gigantea	"	3
heterococca	"	4
irregularis	"	3
labyrinthifolia	"	6
laminarioides	"	3
lapathifolia	"	5
Montagnei	"	2
Mertensiana	"	4
micans	"	3
micrococca	"	4
minor	"	2
obovata	"	3
orbitosa	"	3
Papeana	"	6
Platyna	"	5
pulchra	"	2
violacea	"	3
Kuetzingia		
canaliculata	XV	4
natalensis	XIX	6
Laurencia		
affinis	XV	17
arbuscula	"	25
botryocephala	"	23
botryoides	"	25
californica	"	24

Digitized by Google

Laurencia	Vol.	pag.
calliptera	XV	24
canariensis	"	18
capensis	"	16
capitata	"	25
cladonioides	"	19
concinna	"	24
corymbifera	"	20
cryptoclada	XVI	2
cyanosperma	XV	21
cylindrica	"	23
cymosa	"	21
"	"	25
dasyphylla	"	16
decumbens	"	18
elata	"	24
ericoides	"	26
excelsa	"	23
fasciculata	"	17
flagellifera	"	19
flexuosa	"	24
Forsteri	"	17
glandulifera	"	21
glomerata	"	26
hybrida	"	23
intricata	"	22
laxa	"	21
major	"	25
mexicana	"	25
microcladia	"	22
moriformis	"	25
multiflora	"	21
obtusa	"	19
oophora	"	20
Osmunda	"	23
paniculata	"	22
papillosa	"	22
patentiramea	"	21
patentissima	"	20
perforata	"	18
pinnatifida	"	23
platycephala	"	23
pyramidalis	"	19
pyrifera	"	16
radicans	"	18
setacea	"	22
seticulosa	"	19
spinulifera	"	22
thuyoides	"	26
thyrsoidea	"	22
trifaria	"	26
truncata	"	19
uncinata	"	16

Laurencia	Vol.	pag.
vaga	XV	18
Vieillardi	"	17
Wrightii	XVII	18
Leathesia		
Berkeleyi	VIII	2
flaccida	"	3
marina	"	2
Leibleinia		
aequalis	I	46
aeruginea	"	46
atroviolacea	"	36
australis	"	46
capillacea	"	47
cespitula	"	47
chalybea	"	46
Cirrulus	"	47
Corallinae	"	46
flaccida	"	46
Hoffmanni	"	46
Juliana	"	46
luteola	"	46
Martensiana	"	44
Meneghiniana	"	46
penicillata	"	46
polychroa	"	47
purpurea	"	46
rupestris	"	46
semiplena	"	47
sordida	"	46
virescens	"	46
Lejolisia		
mediterranea	XI	30
Lemania		
abyssinica	VII	34
adulta	"	33
annulata	"	33
botryophora	"	33
catenata	"	34
Corinaldii	"	35
fluviatilis	"	33
italica	"	34
mamillosa	"	33
mexicana	"	34
nodosa	"	34
sudetica	"	33
torulosa	"	33
Lenormandia		
linearis	XIX	20
marginata	XV	4
Muelleri	XIX	6
spectabilis	XV	3

Digitized by Google

	Vol.	pag.
Lepraria		
viridis	I	4
Leptomitus		
investiens	II	21
Leptothamnion		
Rabenhorstii	XII	6
Leptothrix		
aeruginosa	I	40
brevissima	"	39
calcicola	"	41
cespitosa	"	39
compacta	"	40
cyanea	"	39
dalmatica	"	40
Dictyothrix	"	39
dubia	"	39
fontana	"	39
gloeophila	"	6
Hegetschweileri	"	40
herbacea	"	40
ianthina	"	38
jadertina	"	40
Kermesina	"	39
Kohleri	"	41
Kuetzingiana	"	40
lamellosa	"	40
lateritia	"	39
lurida	"	39
lutea	"	39
lutescens	"	39
mamillosa	"	39
miraculosa	"	6
"	"	40
muralis	"	41
ochracea	"	39
olivacea	"	40
pallida	"	40
parasitica	"	38
purpurascens	"	39
radians	"	38
rigidula	"	38
rosea	"	39
rufescens	"	39
subtilissima	"	40
tenuissima	"	40
tinctoria	"	38
tomentosa	"	40
variegata	"	40
Leveillea		
gracilis	XV	3
Schimperi	"	3

	Vol.	pag.
Liagora		
albicans	VIII	43
australasica	"	44
Cheyniana	"	44
coarctata	"	43
distenta	"	42
elongata	"	45
fragilis	"	45
leprosa	"	44
maderensis	"	43
Preissii	"	45
pulverulenta	"	42
ramellosa	"	46
Turneri	"	43
valida	"	44
versicolor	"	46
viscida	"	45
Liebmannia		
Leveillei	"	4
Posidoniae	"	6
Limnactis		
dura	II	21
flagellifera	"	21
Lyngbyana	"	21
minutula	"	21
Orsiniana	"	21
parvula	"	21
rivularis	"	21
Schnurmanni	"	21
Limnochlide		
flos aquae	I	49
Lithothamnion		
byssoides	XIX	35
crassum	"	35
Lomentaria		
affinis	XV	31
ambigua	"	33
articulata	"	31
brevis	"	32
calida	"	30
capensis	"	32
corallina	"	34
dasyclada	"	33
fasciata	"	31
fastigata	"	34
filiformis	"	34
impudica	"	33
intertexta	"	32
kaliformis	"	31
Kotschyana	"	32
linearis	"	30
parvula	"	31

Digitized by Google

	Vol	pag.
Lomentaria		
patens	XV	32
phalligera	"	32
pusilla	"	34
squarrosa	"	32
tenera	"	34
torulosa	"	33
Lophopodium	I	45
Lophothalia		
verticillata	XIV	30
Lophura		
armata	XVI	2
australasica	XV	15
cymosa	"	13
episcopalis	"	15
floccosa	"	14
Gaimardi	"	15
gracilis	"	13
Larix	"	14
lycopodioides	"	14
macracantha	"	14
multicornis	"	15
patula	"	14
tenuis	"	14
Lyngbya		
aeruginosa	I	48
ambigua	"	47
amphibia	"	47
anguina	"	49
arachnoidea	"	48
cinerascens	"	48
cincinnata	"	48
conglutinata	"	47
copulata	II	32
crispa	I	48
dalmatica	"	47
erosa	"	49
glutinosa	"	48
guianensis	"	48
interrupta	"	48
Juliana	"	46
luteo-fusca	"	48
major	"	49
majuscula	"	49
Mandruzzatiana	"	47
margaritacea	"	49
mauritanica	"	49
obscura	"	48
pacifica	"	49
pannosa	"	48
Phormidium	"	47
prasina	"	49

	Vol.	pag.
Lyngbya		
pulcherrima	I	49
putealis	"	47
rivularis	"	48
salina	"	48
Schowiana	"	47
solitaris	"	47
stagnina	"	48
Stragulum	"	47
thermalis	"	48
tomentosa	"	47
tropica	"	49
Marginaria		
Boryana	XI	7
Jasquinotiana	"	7
Urvilleana	"	7
Martensia		
australis	XIX	22
denticulata	"	22
elegans	"	21
flabelliformis	"	22
fragilis	"	22
Pavonia	"	22
Mastichonema		
cespitosum	II	14
fasciculatum	"	14
Orsinianum	"	14
paradoxum	"	14
pluviale	"	14
subulatum	"	14
thermale	"	13
Mastichothrix		
aeruginea	II	13
fusca	"	13
"	"	21
obscura	IX	1
Mastocarpus		
alveatus	XVII	11
bracteatus	"	13
corymbiferus	"	13
Harveyanus	"	13
incrassatus	"	13
Klenzeanus	"	14
mamillosus	"	12
marginalis	"	11
papillatus	"	13
polycarpus	"	13
polycystis	"	13
Radula	"	13
spinosus	"	13

Digitized by Google

	Vol.	pag.
Mastocarpus		
stiriatus	XVII	12
validus	"	14
verrucosus	"	13
volans	"	14
Mastophora		
crassiuscula	VIII	47
flabellata	"	47
foliacea	"	48
Lamourouxii	"	47
lichenoides	"	47
macrocarpa	"	48
Patena	"	47
plana	"	47
Melanthalia		
Billardieri	XIX	15
fastigata	"	16
Jaubertiana	"	16
Muelleri	"	16
Vieillardi	"	16
Melobesia		
antarctica	"	34
corticiformis	"	34
farinosa	"	34
foliacea	VIII	48
granulata	XIX	34
membranacea	"	33
pustulata	"	33
verrucata	"	34
Merismopoedia		
aeruginea	V	13
convoluta	"	13
elegans	"	13
glauca	"	13
hyalina	"	13
major	"	13
punctata	"	13
thermalis	"	13
violacea	"	13
Merizomyria		
flagelliformis	II	13
flos aquae	"	13
fluctuans	"	13
laminosa	"	13
litoralis	"	13
ulvoides	"	13
Mesocarpus		
angustus	V	2
depressus	"	2
intricatus	"	2
nummuloides	"	2
Mesocarpus		
ovalis	V	2
parvulus	"	2
recurvus	"	2
scalaris	"	2
Mesogloea		
divaricata	VIII	4
gracilis	"	5
Griffithsiana	"	4
Hornemanni	"	5
Leveillei	"	4
Lovenii	"	3
mediterranea	"	3
natalensis	"	5
Posidoniae	"	6
vermicularis	"	3
virescens	"	4
Zosterae	"	3
Metachroma		
thuyoides	IX	36
Micraloa		
aeruginea	I	6
protogenita	"	9
Micramansia		
Binderi	XV	2
Microcladia		
glandulosa	XIII	8
tenuis	"	8
Microcystis	I	7
aeruginea	"	6
austriaca	"	7
Brebissonii	"	25
elabens	"	6
ichthyoblabe	"	6
livida	"	17
marginata	"	6
microspora	"	11
minor	"	9
Noltii	"	7
olivacea	"	7
parasitica	"	7
Paroliniana	"	25
pulchra	"	4
rupestris	"	15
stereophysalis	"	20
umbrina	"	1
Microdictyon		
Calodictyon	VII	10
Microhaloa		
aurantiaca	I	5
botryoides	"	6

Digitized by Google

	Vol.	pag.
Microhaloa		
firma	I	6
pallida	"	5
Pini	"	9
protogenita	"	6
rupestris	"	6
Microthamnion		
Kuetzingianum	III	1
marinum	"	18
Monas		
gliscens	I	1
Mougeotia		
affinis	V	1
brevis	"	1
compressa	"	1
decussata	"	1
fasciola	"	1
genuflexa	"	1
"	"	11
gracilis	"	1
radicans	"	1
splendens	"	1
subtilis	"	1
tenuis	"	1
Myagropsis		
Comelina	X	32
microceratia	"	33
Swartzii	"	33
Thunbergii	"	33
Turneri	"	32
Mychodea		
carnosa	XVI	27
coerulescens	"	30
compressa	"	27
chondroides	XVII	24
filiformis	"	24
hamata	XVI	27
Mallardiae	"	27
membranacea	"	27
terminalis	"	26
Myriactis		
pulvinata	VII	37
Myriocladia		
Lovenii	VIII	3
Posidoniae	"	6
Myriodesma		
angustifolium	X	5
integrifolium	"	5
latifolium	"	4
quercifolium	"	4
serrulatum	"	4

	Vol.	pag.
Myrionema		
inaequale	VIII	2
Leclancherii	VII	38
maculiforme	"	37
ocellatum	"	38
punctiforme	"	38
strangulans	"	37
Myriotrichia		
canariensis	VI	2
clavaeformis	"	2
filiformis	"	2
Naccaria		
Wigghii	XVI	24
Nemalion		
clavatum	"	22
coccineum	"	23
divaricatum	"	22
filicoides	"	23
lubricum	"	22
multifidum	"	22
purpureum	"	22
purpuriferum	"	26
ramosissimum	"	23
Nereia		
Montagnei	IX	32
Neurocaulon		
foliosum	XVII	24
Rosa marina	"	24
Neuroglossum		
Binderianum	XVI	3
Nitella		
aemula	VII	17
ambigua	"	17
australis	"	11
batrachosperma	"	14
Bertolonii	"	11
chilensis	"	13
cladostachya	"	12
clavata	"	32
congesta	"	17
cristata	"	16
cryptostachya	"	12
Dregeana	"	15
exilis	"	13
fasciculata	"	14
flexilis	"	13
gelatinosa	"	11
glomerulifera	"	32
gracilis	"	14
grandis	"	14
Gunnii	"	16

Digitized by Google

	Vol.	pag.
Nitella		
heterophylla	VII	19
hyalina	"	14
Lhotykii	"	15
macrosperma	"	13
microstachya	"	12
mucronata	"	13
myriotricha	"	15
nidifica	"	14
podostachya	"	12
polycephala	"	13
polygyra	"	17
Sonderi	"	17
stelligera	"	11
Stuartiana	"	11
Stuartii	"	17
syncarpa	"	13
tasmannica	"	16
tenuissima	"	14
translucens	"	10
Zeyheri	"	15
Nitophyllum		
ciliolatum	XIX	3
crispum	XVI	10
Curdiaeanum	XIX	1
erosum	"	2
fimbriatum	"	2
Griffithsianum	"	1
marginale	"	2
monanthos	"	4
multipartitum	"	3
palmatum	"	2
pristoideum	"	2
pulchellum	"	2
Nodularia		
spumigera	I	54
Suhriana	"	54
Nostoc		
agglutinans	II	3
alpinum	"	2
arctum	"	3
aureum	"	1
Beilschmiedianum	"	3
calcicola	"	4
Coccymelon	"	2
coeruleum	"	2
collinum	"	3
comminutum	"	3
commune	"	2
confluens	"	1
edule	"	1
glomeratum	"	2

	Vol.	pag.
Nostoc		
gregarium	II	1
gymnosphaericum	"	2
inundatum	"	1
lacerum	"	2
laciniatum	"	2
lacustre	"	4
laevigatum	"	3
lichenoides	"	1
litorale	"	3
minutissimum	"	1
Mougeotii	"	3
Muscorum	"	2
nivale	"	3
paludosum	"	1
parmelioides	"	2
pellucidum	"	3
peloponnesiacum	"	3
piscinale	"	4
pruniforme	"	2
purpurascens	"	4
rivulare	"	3
rugosum	"	4
rupestre	"	1
salsum	"	3
sphaericum	"	1
sphaeroides	"	2
spongiaeforme	"	3
sudeticum	"	3
tuberculosum	"	2
verrucosum	"	3
vesicarium	"	1
Wallrothianum	"	2
Notheia		
anomala	X	1
Nothogenia		
livida	XIX	17
tuberculosa	"	17
variolosa	"	17
Odonthalia		
corymbifera	XV	4
dentata	"	4
Oedogonium		
affine	III	13
apophysatum	"	12
Boscii	"	11
Braunii	"	12
Candollii	"	11
capillaceum	"	13
capillare	"	13

Digitized by Google

Oedogonium	Vol.	pag.
capilliforme	III	12
catenulatum	"	13
concatenatum	"	12
delicatulum	"	10
dubium	"	13
echinospermum	"	12
elegans	"	11
fasciatum	"	11
fonticola	"	13
fuscescens	"	11
giganteum	"	12
gracile	"	11
grande	"	12
heterogonium	"	11
hexagonum	"	11
holsaticum	"	12
intermedium	"	13
Landsboroughii	"	12
longatum	"	11
Meneghinianum	"	13
minutum	"	10
nodosum	"	11
ochroleucum	"	11
pallidum	"	13
parvulum	"	10
pulchellum	"	12
Rothii	"	11
scutatum	"	11
stagnale	"	13
subsetaceum	"	13
tenellum	"	11
tumidulum	"	12
turfosum	"	13
vesicatum	"	11
Oncobyrsa		
Brebissonii	I	23
Castagnei	"	9
Oncotylus		
crenulatus	XIX	23
dilatatus	"	23
norwegicus	"	23
Oocardium		
stratum	II	26
Oscillaria		
aerugineo-coerulea	I	28
alba	"	26
americana	"	28
amphibia	"	27
anguina	"	29
animalis	"	29
antillarum	"	31

Oscillaria	Vol.	pag.
antliaria	I	29
brevis	"	28
chalybea	"	29
chlorina	"	28
circinnata	"	27
coelestis	"	28
coerulea	"	30
Cortiana	"	28
cryptarthra	"	29
dubia	"	30
elegans	"	27
fenestralis	"	27
formosa	"	30
Froelichii	"	31
glaucescens	"	30
gracillima	"	27
Grateloupii	"	31
inflata	"	31
intermixta	"	30
iridescens	"	27
irrigua	"	30
Juliana	"	29
leptomitiformis	"	26
leptotricha	"	27
limbata	II	7
limosa	I	29
major	"	31
majuscula	"	31
margaritifera	"	31
maxima	"	32
Meneghiniana	"	26
Mougeotiana	II	18
Mougeotii	I	30
natans	"	29
neapolitana	"	28
nigra	"	30
Okeni	"	28
ornata	"	30
partita	"	31
percursa	"	31
physodes	"	29
Porettana	"	29
princeps	"	32
purpurascens	"	28
Raineriana	"	26
repens	"	29
rubescens	"	30
sancta	"	30
smaragdina	"	35
sordida	"	29
spissa	"	27
subfusca	"	28

Digitized by Google

	Vol.	pag
Oscillaria		
subsalsa	I	30
subtilissima	"	27
tenerrima	"	27
tenuis	"	29
terebriformis	"	28
tergestina	"	28
tigrina	"	26
uncinata	"	29
versatilis	"	27
viridis	"	29
Oscillatoria cf. Oscillaria.		
Ozothallia		
furcata	X	8
Mackaji	"	8
vulgaris	"	8
Pachychaeta		
griffithsioides	XII	11
Padina		
lobata	IX	26
major	"	32
reptans	"	31
Schimperi	"	30
Palmella		
adriatica	I	11
bituminosa	"	4
borealis	"	6
botryoides	"	10
Botteriana	"	10
Brebissonii	"	24
bullosa	"	11
Castagnei	"	9
conferta	"	12
crassa	"	10
cruenta	"	12
cyanea	"	13
cylindrospora	"	19
didyma	"	14
duriuscula	"	13
firma	"	6
flava	"	9
granosa	"	25
hyalina	"	12
laxa	"	11
margaritacea	"	10
mediterranea	"	11
microspora	"	10
miniata	"	10
mucosa	"	12
muscicola	"	10
Orsiniana	"	12

	Vol.	pag.
Palmella		
pallida	I	11
papillosa	"	13
parvula	"	12
Ralfsii	"	18
rubescens	"	19
sordida	"	13
terminalis	"	20
uvaeformis	"	12
Palmodactylon		
varium	VI	25
Palmodictyon		
viride	I	22
Palmogloea		
Brebissonii	"	19
crassa	"	19
endospira	"	19
gigantea	"	20
lurida	"	20
macrococca	"	19
Meneghinii	"	19
micrococca	"	20
protuberans	"	19
Roemeriana	"	20
rubescens	"	19
rupestris	"	19
vesiculosa	"	20
Palmophyllum		
flabellum	"	23
Peniocystis		
purpurea	"	25
Percursaria		
fucicola	VI	12
Periplegmatium		
Ceramii	IV	18
Petrospongium		
Berkeleyi	VIII	2
Peyssonelia		
Dubyi	XIX	32
imbricata	"	32
involvens	"	31
major	"	31
neocaledonica	"	32
replicata	"	32
Squamaria	"	31
umbilicata	"	32
Phacelocarpus		
oligacanthus	XVIII	25
tortuosus	"	25

Digitized by Google

	Vol.	pag.
Phlaeorhiza		
diaphana	XI	17
Phlebothamnion		
arbuscula	XII	3
Baileyi	XI	31
brachiatum	XII	2
Brodiaei	XI	32
byssoides	XII	3
comosum	"	13
compressum	XIV	32
corymbiferum	XII	3
corymbosum	"	4
divaricatum	XI	32
ellipticum	XII	4
Faroense	XIV	30
fruticulosum	XI	31
Gallioni	"	32
Gaudichaudii	XII	2
Giraudyi	"	3
grande	"	5
granulatum	"	4
granuliferum	"	4
Grevillii	XI	31
Griffithsianum	XII	6
hirtum	"	2
Hookeri	XI	30
implicatum	"	31
lanceolatum	XII	4
latissimum	"	3
Montagnei	"	2
pachycaulon	"	5
polyspermum	XI	31
purpuriferum	XII	3
roseum	XI	31
scoparium	XII	3
spinescens	"	4
spinosum	XI	31
spongiosum	XII	5
squarrosum	"	5
stuposum	"	2
tetragonum	"	2
tetricum	XI	30
tripinnatum	"	32
velutinum	XII	5
versicolor	"	4
Phormidium		
allochroum	I	34
amoenum	"	32
australe	"	34
Biasolettianum	"	34
bicolor	"	34
Boryanum	"	32

	Vol.	pag.
Phormidium		
calcareum	I	32
Corium	"	34
crassiusculum	"	35
fasciculatum	"	35
firmum	"	33
flexuosum	"	32
fonticola	"	32
interruptum	"	33
inundatam	"	32
Joannianum	"	34
leptodermum	"	33
limicola	"	33
lucidum	"	33
lyngbyaceum	"	33
membranaceum	"	33
Meneghinianum	"	35
obscurum	"	32
pannosum	"	34
papyrinum	"	34
parallelum	"	34
Retzii	"	32
rupestre	"	35
smaragdinum	"	35
spadiceum	"	34
subfuscum	"	33
subtorulosum	"	35
Thinoderma	"	34
tinctorium	"	35
valesiacum	"	32
vulgare	"	33
Phycodrys		
sinuosa	XVI	8
Phycolapathum		
crispatum	VI	18
cuneatum	"	18
debile	"	17
fissum	"	18
lanceolatum	"	17
plantagineum	"	18
Phycophila		
Agardhii	VII	38
arabica	VIII	1
breviarticulata	VII	39
curta	"	40
ferruginea	"	39
flaccida	"	40
fucorum	"	38
gracilis	"	39
rigida	"	39
stellaris	"	39
stellulata	VIII	1

Digitized by Google

	Vol.	pag.
Phycophila		
torulosa	VII	39
vulpina	"	39
Phycopteris		
angustata	IX	28
cornea	"	26
costata	"	27
cuneata	"	27
dentata	"	26
Harveyana	"	26
interrupta	"	27
microloba	"	28
microphylla	"	28
Sinclairii	"	27
stuposa	"	26
Tournefortii	"	26
Phycoseris		
australis	VI	9
cornucopiae	"	11
crispata	"	8
curvata	"	8
fasciata	"	10
gigantea	"	9
lacinulata	"	9
lanceolata	"	7
lapathifolia	"	10
ligula	"	8
Linza	"	7
lobata	"	10
Myriotrema	"	9
olivacea	"	8
planifolia	"	8
plicata	"	9
ramosa	"	10
reticulata	"	10
rigida	"	9
smaragdina	"	8
uncialis	"	7
Phyllacantha		
affinis	X	12
Boryana	"	11
concatenata	"	11
fibrosa	"	13
gracilis	"	12
granulata	"	11
melanothrix	"	13
moniliformis	"	12
Montagnei	"	12
Myrica	"	14
oligacantha	"	12
pinnata	"	12
setacea	"	13

	Vol.	pag.
Phyllacantha		
squarrosissima	X	11
thesiophylla	"	13
trichophylla	"	13
Phyllactidium		
arundinaceum	IV	19
pulchellum	"	19
setigerum	"	19
Phyllerpa		
flagelliformis	VII	2
nervata	"	2
prolifera	"	2
Phyllophora		
crenulata	XIX	11
denticulata	"	28
nervosa	"	28
obtusa	"	15
rubens	"	28
Phyllospora		
comosa	X	9
Mentziesii	"	10
Phyllotylus		
membranifolius	XIX	28
siculus	"	28
Physactis		
aggregata	II	19
bullata	"	19
Cerasum	"	20
chalybea	"	20
durissima	"	19
fuscescens	"	19
gelatinosa	"	19
lobata	"	19
mutila	"	19
pilifera	"	19
Pisum	"	19
plicata	"	19
saccata	"	19
spiralis	"	19
spirifera	"	20
terebralis	"	20
villosa	"	19
Physodictyon		
graniforme	VI	16
Pilinia		
rimosa	IV	20
Platylobium		
Mertensii	X	23
Pleurocarpus		
mirabilis	V	4

Digitized by Google

	Vol.	pag.
Pleurocladia		
lacustris	VII	37
Pleurococcus		
cinnamomeus	I	5
cohaerens	"	5
rufescens	"	9
vulgaris	"	4
Plocamium		
abnorme	XVI	18
angustatum	"	17
angustum	"	17
Binderianum	"	16
botryoides	"	18
brachyocarpum	"	18
cincinnatum	"	16
coccineum	"	15
condensatum	"	17
confervaceum	"	15
costatum	"	18
Cuninghamii	"	19
fenestratum	"	15
Froelichianum	"	16
Hookeri	"	18
latiusculum	"	17
leptophyllum	"	16
Lyngbyanum	"	16
mediterraneum	"	16
Preissianum	"	19
procerum	"	19
robustum	"	17
secundatum	"	15
subtile	"	15
Suhrii	"	19
Telfairiae	"	15
uncinatum	"	16
Pneophyllum		
fragile	XIX	33
Pollexfenia		
pedicellata	XVI	4
Polycladia		
Commersonii	XVIII	24
Polycoccus		
punctiformis	I	8
Polycystis	I	7
Polyphacum		
proliferum	XVI	3
Smithii	"	4
Polyphysa		
aspergillosa	VI	32
spicata	XVI	1

	Vol.	pag.
Polysiphonia		
abscissa	XIII	22
acanthocarpa	XIV	9
acanthophora	XIII	24
acanthotricha	XIV	7
acroblasta	XIII	31
aculeata	"	26
aculeifera	"	23
adunca	"	13
Agardhiana	"	16
allochroa	"	19
amentacea	"	25
amethystea	"	31
amoena	XIV	13
angustissima	"	17
arachnoidea	XIII	24
arborescens	XIV	4
arenaria	XIII	12
Argus	XIV	17
arietina	XIII	21
asperula	XIV	8
atrogrisea	XIII	29
atrorubens	"	26
aurantiaca	"	23
badia	"	26
Bangii	XIV	8
Barbatula	XIII	11
Bartlingiana	"	9
Berkeleyi	"	22
Binderi	XIV	16
Binneyi	"	14
Blondi	"	15
bostrychioides	"	11
botryocarpa	"	3
breviarticulata	XIII	20
Brodiaei	XIV	1
bullosa	"	4
byssacea	"	8
calliptera	XIII	9
Callitricha	XIV	1
Calodictyon	"	16
Calothrix	"	13
camptoclada	XIII	10
cancellata	"	21
caspia	XIV	6
Castagnei	XIII	31
ceratoclada	XIV	6
cervicornis	"	5
cespitula	"	15
chalarophlaea	"	15
chrysoderma	XIII	22
Cladostephus	XIV	6
clavigera	"	5

Digitized by Google

Polysiphonia	Vol.	pag.
coarctata	XIII	12
codiicola	XIV	19
comatula	"	10
commutata	"	3
complanata	XIII	19
condensata	"	14
coralloides	XIV	18
corymbifera	XIII	16
curta	"	16
cymosa	XIV	10
dalmatica	"	26
dasyaeformis	"	8
decipiens	XIII	21
dendritica	"	10
dendroidea	"	9
denticulata	"	28
denudata	"	28
Derbesii	XIV	2
deusta	XIII	24
dichocephala	"	17
dichotoma	"	24
dictyura	XIV	11
dilatata	XIII	24
Dillwynii	XIV	8
divaricata	XIII	26
divergens	"	27
dumosa	XIV	10
dysanophora	XIII	29
elongata	XIV	2
elongella	"	3
erythrocoma	XIII	14
exigua	"	29
exilis	"	29
expansa	XIV	18
falcata	XIII	12
fasciculata	"	15
fasciculifera	"	19
fastigata	"	14
fibrata	"	31
filipendula	XIV	13
flabelliformis	XIII	17
flexella	XIV	7
foeniculacea	"	5
forcipata	XIII	26
"	XIV	15
formosa	XIII	22
fracta	XIV	15
frutex	XIII	21
fruticulosa	XIV	9
funebris	"	11
furcellata	XIII	25
fuscescens	"	21

Polysiphonia	Vol.	pag.
Gaudichaudii	XIII	19
glomerulata	XIV	3
grisea	XIII	23
Gunniana	XIV	29
haematites	"	3
hamulifera	XIII	11
Harveyi	XIV	9
havannensis	XIII	23
hispida	XIV	19
Hookeri	"	6
humilis	"	10
Hystrix	"	6
Jacobi	XIII	28
implexa	XIV	12
impolita	"	19
infestans	"	14
inversa	XIII	27
irregularis	XIV	18
juncea	XIII	17
laevigata	"	27
lasiorhiza	"	14
lasiotricha	"	23
Lawrenciana	XIV	6
"	"	25
laxa	"	2
laxiuscula	XIII	15
lepadicola	"	13
leptoclada	XIV	7
leptura	XIII	28
linocladia	"	18
lithophila	"	23
lophoclados	XIV	7
lophura	XIII	17
lophuroides	"	28
lusitanica	"	24
Lyalii	XIV	10
macrocephala	"	19
macroclonia	"	5
Mallardiae	"	8
Marrowii	"	17
Martensiana	"	10
microdendron	XIII	18
miniata	"	25
mollis	"	27
monocarpa	"	13
Montagnei	"	30
Moritziana	XIV	11
mucronata	"	25
multicapsularis	"	20
mutabilis	"	20
myriococca	XIII	30
myriotricha	"	31

Digitized by Google

Polysiphonia	Vol.	pag.
nana	XIII	10
nebulosa	XIV	18
neglecta	"	13
nigrescens	XIII	18
nigrita	"	21
nodifera	"	27
nodulosa	"	27
nutans	"	18
obscura	"	13
Olneyi	XIV	14
opaca	XIII	15
ophiocarpa	"	15
paniculata	"	15
pantophlaea	XIV	5
Papeana	XIII	17
parasitica	"	9
parvula	XIV	18
patens	XIII	29
Patersonis	XIV	6
patula	"	2
pauperula	XIII	20
pecten veneris	XIV	29
pectinata	"	13
penicillata	"	1
pennata	XIII	9
Perreymondi	"	30
phleborhiza	"	14
physarthra	"	20
pilosa	XIV	7
pinnulata	XIII	8
platyspira	"	20
polycarpa	XIV	1
polychotoma	"	1
polyphora	"	11
polyphysa	XIII	20
polyrhiza	"	13
prorepens	XIV	12
pulvinata	XIII	12
punicea	"	22
purpurea	"	25
pycnocoma	"	30
pycnophlaea	XIV	10
pygmaea	XIII	10
ramellosa	XIV	9
ramulosa	XIII	15
regularis	"	16
repens	"	13
reptabunda	"	12
Requienii	XIV	2
rhodomeloides	"	3
Richardsoni	XIII	26
rigens	"	21

Polysiphonia	Vol.	pag.
rigidula	XIII	13
robusta	XIV	4
Roeana	"	20
roseola	XIII	25
rostrata	"	14
Ruchingeri	XIV	2
rudis	XIII	29
rufolanosa	XIV	20
rugulosa	XIII	30
rutilans	"	12
sanguinea	"	30
scoparia	"	16
scopulorum	XIV	12
secunda	XIII	10
secundata	"	17
sentosa	"	16
setigera	"	11
Solieri	XIV	31
spiculifera	"	17
spinella	XIII	12
spinescens	XIV	12
spinifera	XIII	9
spinosa	XIV	7
spinosissima	"	16
spinulosa	"	5
squarrosa	XIII	27
stenocarpa	XIV	4
stictophlaea	XIII	19
stricta	"	25
strictoides	XIV	4
stuposa	"	18
subadunca	XIII	11
subcontinua	"	18
subtilis	"	28
subtilissima	"	10
subulata	"	18
subulifera	XIV	9
tenella	XIII	11
tenerrima	"	10
tenuistriata	"	16
thuyoides	XIV	11
Thwaitesii	"	16
thyrsigera	"	11
Tongatensis	"	11
trichoclada	XIII	24
trichodes	XIV	4
tripinnata	XIII	16
umbellifera	"	15
uncinata	"	11
urceolata	"	29
vaga	XIV	8
vagabunda	"	12

Digitized by Google

	Vol.	pag.
Polysiphonia		
variabilis	XIV	15
variegata	XIII	26
versicolor	"	11
vestita	XIV	3
Victoriae	"	20
Vidovichii	XIII	22
vinosa	"	23
violacea	"	30
violascens	"	17
virens	"	14
virgata	"	19
Wulfeni	XIV	9
Polyzonia		
australis	XV	3
cuneifolia	"	3
elegans	"	2
incisa	"	3
Poropsis		
subunalis	VI	29
Porphyra		
amethystea	XIX	30
Augustinae	"	31
bangiaeformis	"	29
Boryana	"	29
capensis	"	31
columbina	"	29
cordata	"	29
coriacea	"	30
Kunthiana	"	30
laciniata	"	30
linearis	"	29
miniata	"	30
vermicellifera	"	29
vulgaris	"	30
Porphyroglossum		
Zollingeri	"	16
Porphyrosiphon		
Notarisii	II	7
Prasiola		
antarctica	V	13
calophylla	"	13
crispa	"	14
Falklandica	"	13
Flotowii	"	13
furfuracea	"	13
leprosa	"	13
mexicana	"	13
orbicularis	"	13
pulveracea	"	13
Rothii	"	13

	Vol.	pag.
Prasiola		
Sauteri	V	13
tessellata	"	14
Protococcus		
atrovirens	I	4
aurantiofuscus	"	3
aureoviridis	"	3
aureus	"	3
bituminosus	"	4
botryoides	"	2
brunneus	"	3
carneus	"	1
chlamidomonas	"	4
chnaumaticus	"	3
cinnamomeus	"	5
Clementii	"	3
Coccoma	"	3
coeruleus	"	4
cohaerens	"	5
communis	"	4
crassus	"	4
crustaceus	"	2
dimidiatus	"	5
dissectus	"	4
Felisii	"	4
fuligineus	"	3
fusco-ater	"	3
gigas	"	5
glomeratus	"	3
haematodes	"	5
infusionum	"	3
Julianus	"	5
leprarius	"	4
leprosus	"	3
macrococcus	"	3
Magma	"	17
marinus	"	2
membraninus	"	5
Meneghinii	"	4
minor	"	3
minutus	"	5
Monas	"	4
mucosus	"	3
nivalis	"	1
Orsinii	"	2
palustris	"	4
persicinus	"	1
pleurococcus	"	4
pluvialis	"	2
pulcher	"	4
roseo-persicinus	"	1
roseus	"	1
rufescens	"	9

Digitized by Google

	Vol.	pag.
Protococcus		
sabulosus	I	3
tectorum	"	4
thermalis	"	5
turgidus	"	5
umbrinus	"	1
viridis	"	3
Protoderma		
viride	VI	6
Psichohormium		
antliarium	III	16
approximatum	"	16
cinereum	"	16
contiguum	"	16
distans	"	16
fuscescens	"	16
globuliferum	"	16
gracile	"	16
inaequale	"	16
majus	"	16
patavinum	"	16
salinum	"	16
verrucosum	"	16
Pterocaulon		
decurrens	X	24
Peronii	"	23
Pteroceras		
cancellatum	XIII	8
flexuosum	"	8
Ptilocladia		
pulchra	XII	20
Ptilophora		
spissa	XIX	17
Ptilota		
articulata	XII	17
elegans	"	17
formosa	"	17
formosissima	"	18
pectinata	"	17
plumosa	"	17
serrata	"	17
Punctaria		
angustifolia	VI	16
debilis	"	17
latifolia	"	16
tenuissima	"	16
Pycnophycus		
brassicaeformis	X	9
laevigatus	"	9
sisymbrioides	"	9
tuberculatus	"	9

	Vol.	pag.
Ralfsia		
deusta	IX	32
major	"	32
verrucosa	"	31
Rhabdonia		
Baileyi	XVI	26
coccinea	"	26
nigrescens	"	26
Rhipilia		
longicaulis	VIII	13
tomentosa	"	12
Rhipocephalus		
Phoenix	"	12
Rhizoclonium		
affine	III	22
africanum	"	21
albicans	"	23
anglicum	"	21
Antillarum	"	21
aponinum	"	22
arenosum	"	22
Areschougii	"	22
biforme	"	21
calidum	"	22
crispum	"	22
cubense	"	22
fluitans	"	22
fontanum	"	23
hieroglyphicum	"	22
Hookeri	"	21
implexum	"	23
interruptum	"	21
Julianum	"	22
Jurgensii	"	22
Kochianum	"	23
lacustre	"	22
litoreum	"	23
obtusangulum	"	22
occidentale	"	22
pannosum	"	22
ragusanum	"	23
rivulare	"	21
"	"	23
salinum	"	21
setaceum	"	21
tenue	"	23
tortuosum	"	21
velutinum	"	22
Rhizophyllis		
squamariae	XVI	4

Digitized by Google

	Vol.	pag.
Rhodocallis		
asplenioides	XII	18
elegans	"	17
setigera	"	18
Rhodocladia		
Lamberti	XIX	12
Rhodomela		
elata	XV	15
episcopalis	"	15
multicornis	"	15
patula	"	14
Rhodomenia		
Montagneana	XIX	29
obtusata	"	12
Rhodophyllis		
angustifrons	XIX	20
bifida	"	18
blepharicarpa	"	19
capensis	"	19
membranacea	"	20
Montagneana	"	29
multipartita	"	19
spathulifera	"	19
Veprecula	"	20
Rhodosaccion		
fastigatum	XVI	26
Rhodymenia		
obtusata	XIX	12
Rhynchococcus		
coriaceus	XIX	11
coronopifolius	XVIII	4
Rhynchonema		
affine	V	10
angulare	"	11
diductum	"	10
Hartigii	"	10
Hassallii	"	10
Jenneri	"	10
intermedium	"	10
malleolum	"	10
minimum	"	10
quadratum	"	10
rostratum	"	11
vesicatum	"	10
Woodsii	"	11
Rivularia		
angulosa	II	22
Boryana	"	22
Brauniana	"	22
Brebissoniana	"	22
durissima	"	22

	Vol.	pag.
Rivularia		
gigantea	II	22
Hedwigiana	"	22
Lens	"	23
Lenticula	"	22
Lyngbyana	"	22
minor	"	22
minuta	"	22
parvula	"	22
plana	"	23
pygmaea	"	22
rigida	"	22
salina	"	22
Sprengeliana	"	22
Rytiphlaea		
australis	XV	7
capensis	"	6
cloiophylla	"	7
complanata	"	5
corymbosa	"	5
Duperreyi	"	5
firma	"	6
obtusifolia	"	7
rigidula	"	6
seminuda	"	6
tinctoria	"	6
truncata	"	5
Sarcodia		
ceylanica	XIX	12
Sarcophycus		
potatorum	X	3
simplex	"	4
Sarcophyllis		
lobata	XVII	29
Sarcothalia		
Burmanni	"	19
Novae Hollandiae	"	19
Sargassum		
acinaciforme	XI	9
Acinaria	"	6
affine	"	6
angustifolium	"	6
asperifolium	"	4
australe	"	11
bacciferum	"	4
Bahiense	"	2
Boryanum	"	7
brevifolium	"	2
brevipes	"	3
capillare	"	5

Digitized by Google

Sargassum	Vol.	pag.
Chamissonis	XI	4
cheirifolium	"	7
coarctatum	"	7
comosum	"	11
crispum	"	2
cymosum	"	8
cystocarpum	"	8
Desfontainesii	"	11
Desvauxii	"	8
dichocarpum	"	7
diversifolium	"	10
Donati	"	7
enerve	"	4
fallax	X	31
fissifolium	XI	10
flaccidum	"	29
flavifolium	"	8
flexuosum	"	11
fuliginosum	"	6
furcatum	"	10
graminifolium	"	9
granuliferum	"	5
hemiphylloides	"	3
herbaceum	"	1
heterocystum	"	13
integrifolium	"	5
lendigerum	"	6
leptocarpum	"	2
linearifolium	"	6
linifolium	"	8
megalophyllum	"	8
microcystum	"	2
Montagnei	"	9
obtusatum	"	7
onustum	"	5
persicum	"	5
piluliferum	"	11
pinnatifolium	"	10
podacanthum	"	3
polyphyllum	"	3
Pteropus	"	2
pygmaeum	"	5
ramifolium	"	10
rigidulum	"	9
Swartzii	"	6
subrepandum	"	1
telephifolium	"	2
tenue	"	3
trachyphyllum	"	3
varians	"	11
Vaysierianum	"	10
verruculosum	"	11
virgatum	XI	5
Schimmelmannia		
ornata	XVI	30
Schizochlamys		
gelatinosa	VI	25
Schizodictyon		
purpurascens	II	12
Schizoglossum		
Bartlingianum	XVI	12
Delilei	"	12
Gmelini	"	12
Schizogonium		
Boryanum	II	31
calophyllum	"	32
contortum	"	32
copulatum	"	32
crispatum	"	32
laete virens	"	32
murale	"	31
Neesii	"	31
nodosum	"	32
pallidum	"	32
percursum	"	32
thermale	"	28
"	"	31
tortum	"	31
virescens	"	32
Schizomeris		
Leibleinii	III	9
Schizosiphon		
affinis	II	14
apiculatus	"	14
aponinus	"	15
arenarius	"	18
cataractae	"	17
Chaetopus	"	14
cinctus	"	17
consociatus	"	17
crassus	"	15
"	"	24
crustiformis	"	14
cuspidatus	"	14
decoloratus	"	14
dilatatus	"	17
fasciculatus	"	17
flagelliformis	"	17
fucicola	"	18
gregarius	"	15
gypsophilus	"	17
Julianus	"	15

Digitized by Google

	Vol.	pag.
Schizosiphon		
Kuetzingianus	II	15
lasiopus	"	15
Lenormandi	"	17
lutescens	"	14
major	"	15
Medusae	"	14
Meneghinianus	"	17
Mougeotianus	"	18
parietinus	"	14
radians	"	18
radiatus	"	17
rufescens	"	14
rupicola	"	14
sabulicola	"	14
salinus	"	14
scopulorum	"	15
"	"	17
subsimplex	"	17
villosus	"	15
Schizothrix		
aurantiaca	"	11
Creswellii	"	12
fuscescens	"	11
hyalina	"	11
lacustris	"	11
Muelleri	"	11
Smithii	"	12
Sciadium		
Arbuscula	VI	24
Sclerothrix		
Callitrichae	II	11
Scytonema		
aerugineo-cinereum	"	5
allochroum	"	5
ambiguum	"	7
arenarium	"	18
aureum	"	6
calotrichoides	"	6
castaneum	"	6
chloroides	"	5
chlorophaeum	"	7
chrysochlorum	"	6
cinereum	"	5
clavatum	"	6
coactile	"	6
coalitum	"	7
collinum	"	6
crassum	"	7
decumbens	"	6
dimorphum	"	7
elegans	"	5

	Vol.	pag.
Scytonema		
fasciculatum	II	6
flagelliferum	"	7
flexuosum	"	6
gracile	"	6
gracillimum	"	6
Heerianum	"	7
helveticum	"	7
incrustans	"	6
Kuetzingianum	"	5
Leprieurii	"	6
lignicola	"	7
limbatum	"	7
melanopleurum	"	5
Meneghinianum	"	5
myochrous	"	7
naideum	"	6
natans	"	6
nigrescens	"	5
Notarisii	"	7
pachysiphon	"	7
Panici	"	5
tenue	"	5
tenuissimum	"	7
thelephoroides	"	13
thermale	"	5
tolypothrichoides	"	6
tomentosum	"	5
turfosum	"	6
turicense	"	6
varium	"	6
Scytothalia		
axillaris	X	10
dorycarpa	"	10
Jacquinotii	XI	17
rhynchocarpa	X	10
xiphocarpa	"	10
Scytothamnus		
australis	VIII	6
Seirospora		
flaccida	XII	6
Griffithsiana	"	6
humilis	"	6
Siphoderma		
compactum	I	45
curvatum	"	45
lyngbyaceum	"	44
tenue	"	45
Sirocoleum		
guianense	"	37

Digitized by Google

	Vol.	pag.
Sirogonium		
Braunii	V	2
breviarticulatum	"	2
sticticum	"	2
Sirophysalis		
binodis	X	22
confluens	"	21
crassipes	"	21
Douglasii	"	21
enodis	"	22
expansa	"	21
Kakiloides	"	21
muricata	"	20
nodularia	"	2
trinodis	"	21
Sirosiphon		
alpinus	II	10
Braunii	"	10
brevis	"	10
compactus	"	10
coralloides	"	10
corniculatus	"	10
Heuffleri	"	10
hormoides	"	10
intermedius	"	10
ocellatus	"	11
panniformis	"	10
pulvinatus	"	10
rugulosus	"	11
saxicola	"	10
secundatus	"	11
tomentosus	"	10
velutinus	"	10
Solieria		
australis	XIX	10
chordalis	XVII	29
Spatoglossum		
australasicum	IX	20
Diesingianum	"	31
flabelliforme	"	19
guineense	"	19
lubricum	"	20
multipartitum	"	21
nigrescens	"	20
Schroederi	"	21
Solierii	"	19
Spanueri	"	19
variegatum	"	30
velutinum	"	21
versicolor	"	20
Spermatochnus		
adriaticus	VIII	9
australis	VIII	10
claviceps	"	9
gracillimus	"	9
hirsutus	"	9
hydruroides	"	9
mediterraneus	"	8
membranaceus	"	10
microspermus	"	10
papillosus	"	10
paradoxus	"	8
ramellosus	"	9
rhizodes	"	8
setaceus	"	9
Spermosira		
Brauniana	I	54
litorea	"	54
major	"	54
Vrieseana	"	54
Sphacelaria		
brachygona	V	26
capensis	"	26
cervicornis	"	27
cirrosa	"	26
firmula	"	26
fulva	"	27
furcigera	"	27
fusca	"	27
irregularis	"	27
mexicana	"	26
Muelleri	"	29
nana	"	26
olivacea	"	28
pennata	"	27
plumosa	VI	3
pusilla	V	26
radicans	"	26
rhizophora	"	26
rigida	"	26
rigidula	"	25
rutilans	"	26
scoparioides	"	27
spinulosa	"	27
squamulosa	VI	3
tenuis	V	28
tribuloides	"	26
Sphaerocarpus		
nummuloides	"	2
scalaris	"	2
Sphaerococcus		
acanthophorus	XVIII	30
angustifolius	"	34

Digitized by Google

Sphaerococcus	Vol.	pag.
armatus	XVIII	27
australis	XIX	12
Bangii	XVIII	29
canaliculatus	"	29
capensis	"	34
capillaris	"	26
cervicornis	"	7
"	"	28
chondroides	"	29
compressus	"	27
confervoides	"	25
corallinus	"	31
corallopsis	"	29
coriaceus	"	33
"	XIX	12
caulescens	XVIII	32
dactyloides	XIX	8
denticulatus	"	19
difficilis	XVIII	28
divergens	"	26
Domingensis	XIX	8
dumosus	"	8
durus	XVIII	27
Ellisiae	"	34
erectus	"	5
falcatus	"	2
filiformis	"	35
flabellifolius	"	32
flaccidus	"	25
furcigerus	"	30
Gelidium	XIX	8
Harveyi	XVIII	10
Heringii	"	3
implexus	IX	36
interruptus	XIX	7
isiformis	XVIII	3
lacinulatus	"	30
Lemania	"	26
lichenoides	"	28
ligulatus	"	33
linearis	"	32
mexicanus	"	29
multipartitus	"	31
nanus	"	29
nicaeensis	"	33
obtusus	XIX	8
oligacanthus	XVIII	30
palmatus	"	31
Palmetta	"	34
pilulifer	"	28
pinnatus	"	35
platyphyllus	"	32

Sphaerococcus	Vol.	pag.
polycarpus	XVIII	31
ramulosus	"	7
"	"	25
rangiferinus	"	30
Sarniensis	"	31
setaceus	"	26
soboliferus	"	31
Sonderi	"	27
spinescens	"	27
spinosus	"	3
spinulosus	"	30
subulatus	XIX	10
tenuifolius	XVIII	32
tenuis	"	27
thamnophorus	"	26
tuberculosus	"	27
tunaeformis	"	32
vagus	"	27
vermicularis	"	28
Vieillardi	"	26
volans	XVII	14
Sphaeroplaea		
armeniaca	III	10
Braunii	"	9
Leibleinii	"	9
Soleirolii	"	9
Trevirani	"	9
Sphaerozyga		
allantospora	I	51
catenula	"	52
compacta	"	52
cyanea	"	51
depressa	"	52
flexuosa	"	52
Flotowiana	"	51
inaequalis	"	52
insignis	"	52
membranina	"	52
microscopica	"	51
oscillarioides	"	52
recta	"	52
romana	"	51
sabulosa	"	51
variabilis	"	52
velutina	"	51
Spinularia		
latifrons	IX	40
Spirillum		
Jenneri	I	26
Spirogyra		
adnata	V	8

Digitized by Google

Spirogyra	Vol.	pag.
alpina	V	7
arcta	"	7
bifaria	"	10
Braunii	"	10
brevis	"	9
cateniformis	"	6
communis	"	6
condensata	"	7
crassa	"	9
decimina	"	7
"	"	8
densa	"	8
dubia	"	8
elongata	"	7
flavescens	"	6
flavicans	"	7
gastroides	"	9
gracilis	"	6
Grevilleana	"	10
Heeriana	"	9
Hornschuchii	"	10
inaequalis	"	10
inflata	"	7
insignis	"	10
irregularis	"	7
jugalis	"	9
Jürgensii	"	6
laxa	"	10
longata	"	6
longiarticulata	"	8
major	"	8
majuscula	"	8
mirabilis	"	6
Naegelii	"	9
nitida	"	9
nodosa	"	7
orbicularis	"	9
orthospira	"	8
parva	"	6
quinina	"	7
rivularis	"	8
setiformis	"	9
subaequa	"	9
subsalsa	"	6
subtilis	"	6
tenuissima	"	9
Theobaldi	"	10
torulosa	"	7
tropica	"	8
turpis	"	6
ulotrichoides	"	7
undulata	"	8
ventricosa	V	7
"	"	9
Weberi	"	9
Spirulina		
brevis	I	26
Hutchinsiae	"	25
Jenneri	"	26
major	"	26
oscillarioides	"	26
solitaris	"	26
subsalsa	"	26
subtilissima	"	26
tenerrima	"	25
tenuissima	"	26
thermalis	"	26
Zanardini	"	26
Splachnidium		
rugosum	X	4
Spongites		
byssoides	XIX	35
confluens	"	34
crassa	"	35
crustacea	"	34
fruticulosa	"	35
nodosa	"	35
ramulosa	"	35
stalatitica	"	35
Spongocarpus		
enervis	X	31
fulvellus	"	31
hemiphyllus	I	32
Horneri	X	31
siliculosus	"	32
sisymbrioides	"	32
Spongomorpha		
aegiceras	IV	16
arcta	"	16
arctiuscula	"	16
Binderi	"	16
centralis	"	17
congregata	"	17
cymosa	"	16
Hookeriana	"	16
lanosa	"	18
Muelleri	V	29
multifida	IV	18
oxyclada	"	17
pacifica	"	17
radians	"	16
ramosa	"	17
rhizophora	"	16

Digitized by Google

	Vol.	pag.
Spongomorpha		
senescens	IV	18
Sonderi	"	17
spinescens	"	16
Trinitatis	"	17
uncialis	"	17
villosa	"	17
Spongonema		
castaneum	V	25
ferrugineum	"	25
tomentosum	"	25
Spongopsis		
mediterranea	III	17
saccata	"	17
Sporacanthus		
cristatus	V	24
Sporochnus		
Bolleanus	IX	33
comosus	"	33
cryptocephalus	"	35
dalmaticus	"	34
Gaertnera	"	33
longipes	"	35
Moorei	"	35
obovatus	"	34
pedunculatus	"	34
radiciformis	"	33
scoparius	"	35
sphaerocephalus	"	34
Spyridia		
aculeata	XII	16
apiculata	"	15
arcuata	"	15
armata	"	16
Berkeleyana	"	16
clavata	"	14
crassa	"	14
crassiuscula	"	14
cupressina	"	16
cuspidata	"	15
divaricata	"	15
ericoides	"	16
filamentosa	"	14
fruticulosa	"	15
hirsuta	"	15
Montagneana	"	14
nudiuscula	"	14
occidentalis	"	14
setacea	"	14
spinella	"	16
tasmannica	"	14
tetracantha	"	16

	Vol.	pag.
Spyridia		
villosa	XII	15
Staurospermum		
atroviolaceum	V	3
coerulescens	"	3
capucinum	"	3
gracillimum	"	3
nigritum	"	3
quadratum	"	3
virescens	"	3
viride	"	3
Stenodesmia		
binervis	XVI	9
Stenogramma		
interrupta	"	8
Stephanocoelium		
pusillum	VII	1
verticillatum	"	1
Stephanocomium		
adriaticum	XII	5
Stereocladon		
Lyallii	VI	19
Stichophora		
debilis	X	26
Hornschuchii	"	25
Stichophyllum		
membranaceum	XVI	4
venosum	"	4
Stictyosiphon		
adriaticus	VI	18
Stigeoclonium		
amoenum	III	2
Biasolettianum	"	1
crassiusculum	"	3
debile	"	2
elongatum	"	3
falklandicum	"	1
fasciculare	"	2
fastigatum	"	3
flagelliferum	"	3
gracile	"	2
irregulare	"	2
longipilus	"	2
lubricum	"	2
plumosum	"	3
protensum	"	3
pusillum	"	3
radians	"	2
setigerum	"	2
stellare	"	2

Digitized by Google

	Vol.	pag.
Stigeoclonium		
subsecundum	III	1
subspinosum	"	1
subuligerum	"	2
tenue	"	1
thermale	"	1
uniforme	"	2
variabile	"	1
Stigonema		
atrovirens	II	11
informe	"	11
mammiferum	"	11
pannosum	"	11
polyceras	"	11
solidum	"	11
Stilophora		
gracillima	VIII	9
Stoechospermum		
maculatum	IX	17
marginatum	"	17
patens	"	17
Suhrii	"	17
Striaria		
attenuata	"	2
fragilis	"	2
Struvea		
delicatula	XVI	1
plumosa	VI	31
scoparia	XVI	1
Stypocaulon		
bipinnatum	V	29
filare	"	29
funiculare	"	29
hordeaceum	"	29
scoparium	"	29
Stypopodium		
atomaria	IX	24
attenuatum	"	25
ciliatum	"	24
fissum	"	25
flavum	"	25
fuliginosum	"	25
laciniatum	"	26
lobatum	"	25
Sinclairii	"	27
Suhria		
lingulata	XVIII	24
Symphyosiphon		
Bangii	II	13
cespitosus	"	12
Contarenii	"	12

	Vol.	pag.
Symphyosiphon		
crustaceus	II	12
dentatus	"	13
gallicus	"	12
hirtulus	"	13
Hegetschweileri	"	13
Hofmanni	"	13
intertextus	"	12
javanicus	"	13
leucocephalus	"	13
pulvinatus	"	12
punctiformis	"	12
spongiosus	"	12
thelephoroides	"	13
vaporarius	"	12
velutinus	"	12
Symphyothrix		
fragilis	I	37
fuscescens	"	37
Orsiniana	"	37
radians	II	18
thermalis	I	37
Symploca		
cyanea	I	43
elegans	"	43
fasciculata	"	43
Flotowiana	"	44
Friesiana	"	43
hydnoides	"	44
lacustris	"	43
Lenormandiana	"	43
lucifuga	"	43
melanocephala	"	43
Meneghiniana	"	43
muralis	"	43
pulchra	"	44
Ralfsiana	"	43
rubra	"	43
scytonemacea	"	44
Wallrothiana	"	43
Syringodium		
filiforme	XIX	36
Tetraspora		
bullosa	I	21
crassa	"	21
cylindrica	"	22
explanata	"	21
fusca	"	21
gelatinosa	"	21
Godeyi	"	22
hyalopsis	"	21

Digitized by Google

	Vol.	pag.
Tetraspora		
lubrica	I	22
natans	"	21
stereophysalis	"	20
ulvacea	"	21
valvulata	"	21
Thamnocarpus		
cornutus	XVI	19
magellanicus	"	20
Mertensii	"	19
Thamnoclonium		
hirsutum	XIX	17
Lemannianum	"	18
proliferum	"	17
Thamnophora		
corallorhiza	XVI	20
disticha	XV	11
magellanica	XVI	20
Thermocoelium		
minutum	VII	36
Thorea		
americana	"	36
natalensis	VIII	5
ramosissima	VII	36
Thrombium		
epigaeum	I	8
Thwaitesia		
Duriaei	V	6
germanica	"	6
Thuretia		
quercifolia	XII	20
Thysanocladia		
coriacea	XIX	11
dorsifera	"	11
laxa	"	11
oppositifolia	"	11
serrata	"	10
Tilopteris		
Mertensii	V	25
Tolypothrix		
aegagropila	II	9
bicolor	"	10
Brebissonii	"	9
coactilis	"	9
distorta	"	10
flaccida	"	9
fuscescens	"	9
intricata	"	10
lanata	"	9
mucosa	"	9

	Vol.	pag.
Tolypothrix		
muscicola	II	9
Naegelii	"	10
pulchra	"	9
pumila	"	9
pygmaea	"	9
tenuis	"	9
Trematocarpus		
dichotomus	XIX	27
elongatus	XVIII	2
furcellatus	XIX	27
polychotomus	"	27
virgatus	"	27
Treptacantha		
abies marina	X	10
gracillima	"	10
Montagnei	"	11
Sonderi	"	11
Turneri	"	11
Trichoceras		
clavatum	XIII	1
pallidum	XII	26
pubescens	"	26
tasmanicum	"	26
transcurrens	"	30
villosum	"	26
Trichocystis		
gigantea	I	20
Trichodesmium		
Ehrenbergii	"	49
Hindsii	"	49
Trichodictyon		
rupestre	I	20
Trichogloea		
Requienii	VII	37
Trichopteris	V	25
Trichormus		
incurvus	II	5
Trichothamnion		
coccineum	XIV	32
gracile	"	32
hirsutum	"	32
pellucidum	"	32
Trigenea		
australis	XVI	20
Turbinaria		
condensata	X	25
conoides	"	24
decurrens	"	24
denudata	"	24

Digitized by Google

	Vol.	pag.
Turbinaria		
gracilis	X	25
heterophylla	"	25
ornata	"	24
trialata	"	24
triquetra	"	25
Udotea		
ciliata	VII	7
Desfontainii	"	8
flabellata	"	8
Halimeda	VIII	11
Mertensii	IX	15
Palmetta	VIII	11
Ulothrix		
aequalis	II	27
albicans	"	26
attenuata	"	28
Braunii	"	27
cateniformis	"	27
compacta	"	26
crassa	"	29
"	"	30
crassiuscula	"	30
crenulata	"	31
crispa	"	29
delicatula	"	30
didyma	"	28
flaccida	"	30
fragilis	"	30
fusca	"	31
implexa	"	30
inaequalis	"	28
Jurgensii	"	27
Kochii	"	27
Lenormandi	"	28
minutula	"	26
moniliformis	"	27
muscicola	"	28
Naegeliana	"	29
nitens	"	30
obscura	"	29
oscillarina	"	27
pallescens	"	26
pallida	"	27
pallide virens	"	26
parasitica	"	27
parietina	"	31
pectinalis	"	27
radicans	"	30
rigidula	"	28
rivularis	"	26

	Vol.	pag.
Ulothrix		
rupicola	II	31
speciosa	"	29
stagnorum	"	27
submarina	"	30
subtilis	"	26
tenerrima	"	27
tenuis	"	27
valida	"	29
varia	"	31
variabilis	"	26
varians	"	29
velutina	"	31
zonata	"	28
Ulva		
aponina	VI	6
byssoides	II	32
gelatinosa	VI	11
Godeyi	I	22
Lactuca	VI	6
latissima	"	7
mucosa	"	7
obscura	"	6
oxycocca	"	6
parvula	"	7
quaternaria	"	6
tenella	"	6
trichophylla	"	7
Valonia		
Aegagropila	VI	30
Cladophora	XVI	1
incrustans	VI	30
intricata	"	31
macrophysa	"	30
pusilla	"	30
siphunculus	"	30
utricularis	"	30
Uvaria	"	30
verticillata	"	30
Vanvoorstia		
spectabilis	XIX	21
Vaucheria		
cespitosa	VI	22
circinalis	"	21
clavata	"	23
dichotoma	"	20
Dillwynii	"	20
fuscescens	"	20
geminata	"	21
hamata	"	22
hamulata	"	22

Digitized by Google

	Vol.	pag.
Vaucheria		
Hookeri	VI	21
javanica	"	20
litorea	"	23
maritima	"	23
multicornis	"	21
ornithocephala	"	21
Pilus	"	24
polysperma	"	21
pyrifera	"	20
racemosa	"	22
repens	"	21
rostellata	"	21
sacculifera	"	22
salina	"	24
sericea	"	20
sessilis	"	21
sphaerocarpa	"	21
submarina	"	20
trifurcata	"	24
trigemina	"	22
tuberosa	"	23
uncinata	"	21
verticillata	"	23
vesiculosa	"	24
Warrenia		
comosa	XII	13
Wrangelia		
comosa	"	13
dasyclada	"	13
penicillata	"	13
tenera	"	13
Wurdemannia		
setacea	XIX	9
Xiphophora		
Billardierii	X	3
Zonaria		
ambigua	IX	30
anglica	"	28
Antillarum	"	29
collaris	"	31
Commersonii	"	29
Diesingiana	"	31
Fraseri	"	30
gymnospora	"	29
interrupta	"	28
latissima	"	30
marginata	"	17
Martii	"	15
microphylla	"	28
multipartita	"	21

	Vol.	pag.
Zonaria		
neapolitana	IX	28
nigrescens	"	20
parvula	"	31
Pavonia	"	28
reptans	"	31
rugosa	XIX	32
Schimperi	IX	30
Schroederi	"	21
Sinclairii	"	27
stuposa	"	26
tenuis	"	29
umbilicalis	"	31
variegata	"	30
velutina	"	21
Zygnema		
affine	V	5
bifarium	"	10
Brebissonii	"	5
cruciatum	"	6
Dillwynii	"	5
insigne	"	5
rivulare	"	8
stellinum	"	5
subtile	"	5
tenue	"	5
Vaucheri	"	5
Zygogonium		
aequale	"	5
affine	"	4
anomalum	"	5
conspicuum	"	4
crassum	"	5
cruciatum	"	4
decussatum	"	4
delicatulum	"	3
ericetorum	"	3
gracile	"	4
hercynicum	"	4
immersum	"	4
laeve	"	4
lutescens	"	5
nivale	"	5
parvulum	"	4
pectinatum	"	5
peruvianum	"	4
pleurospermum	"	4
Ralfsii	"	4
salinum	"	4
scalare	"	2
tenue	"	4
torulosum	"	4

Digitized by Google

Druck von Fr. Eberhardt in Nordhausen.

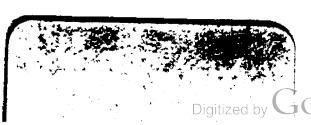
Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google


Digitized by Google

Digitized by Google